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## Application Assurance Command Reference

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### Hardware Commands

```
config
  — card slot-number
     — mda mda-slot
        — isa-aa (mda-type) mda-type
```

### Admin Commands

```
admin
  — application-assurance
     — upgrade
```

## ISA Commands

```

config
  — isa
    — application-assurance-group application-assurance-group-index [create] [aa-sub-scale
      sub-scale]
    — no application-assurance-group application-assurance-group-index
      — [no] backup mda-id
      — description description-string
      — no description
      — [no] divert-fc fc-name
      — [no] fail-to-open
      — isa-capacity-cost-high-threshold threshold
      — no isa-capacity-cost-high-threshold
      — isa-capacity-cost-low-threshold threshold
      — no isa-capacity-cost-low-threshold
      — [no] isa-overload-cut-through
      — [no] partitions
      — [no] primary mda-id
      — qos
        — egress
          — from-subscriber
            — pool [pool-name]
            — no pool
              — resv-cbs percent-or-default
              — no resv-cbs
              — slope-policy slope-policy-name
              — no slope-policy
            — port-scheduler-policy port-scheduler-policy-name
            — no port-scheduler-policy
            — queue-policy network-queue-policy-name
            — no queue-policy
            — wa-shared-high-wmark percent
            — no wa-shared-high-wmark
            — wa-shared-low-wmark percent
            — no wa-shared-low-wmark
          — to-subscriber
            — no pool
              — resv-cbs percent-or-default
              — no resv-cbs
              — slope-policy slope-policy-name
              — no slope-policy
            — port-scheduler-policy port-scheduler-policy-name
            — no port-scheduler-policy
            — queue-policy network-queue-policy-name
            — no queue-policy
            — wa-shared-high-wmark percent
            — no wa-shared-high-wmark
            — wa-shared-low-wmark percent
            — no wa-shared-low-wmark
        — [no] shutdown
      — statistics
        — performance
          — accounting-policy acct-policy-id
          — no accounting-policy
          — [no] collect-stats

```

- **transit-prefix-ipv4-entries** *entries*
- **no transit-prefix-ipv4-entries**
- **transit-prefix-ipv6-entries** *entries*
- **no transit-prefix-ipv6-entries**
- **transit-prefix-ipv6-remote-entries** *entries*
- **no transit-prefix-ipv6-remote-entries**

## Application Assurance Commands

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### AA Commands

```
config
— application-assurance
  — arp arpId [create]
  — no arp arpId
    — description description-string
    — no description
    — master-selection-mode mode
    — peer ip-address
    — no peer
    — peer-endpoint sap sap-id encap-type {dot1q|null|qinq}
    — peer-endpoint spoke-sdp DVD-id
    — no peer-endpoint
    — priority [0.255]
    — no priority
    — [no] shutdown
  — bit-rate-high-wmark high-watermark
  — bit-rate-low-wmark low-watermark
  — no bit-rate-low-wmark
  — flow-setup-high-wmark high-watermark
  — flow-setup-low-wmark low-watermark
  — no flow-setup-low-wmark
  — flow-table-high-wmark high-watermark
  — no flow-table-high-wmark
  — flow-table-low-wmark low-watermark
  — no flow-table-low-wmark
```

- **packet-rate-high-wmark** *high-watermark*
- **packet-rate-low-wmark** *low-watermark*
- **no packet-rate-low-wmark**
- **protocol** *protocol-name*
  - **[no] shutdown**
- **radius-accounting-policy** *rad-acct-plcy-name* [**create**]
- **no radius-accounting-policy** *rad-acct-plcy-name*
  - **description** *description-string*
  - **no description**
  - **interim-update-interval** *minutes*
  - **no interim-update-interval**
  - **radius-accounting-server**
    - **access-algorithm** {**direct** | **round-robin**}
    - **no access-algorithm**
    - **retry** *count*
    - **router** *router-instance*
    - **router service-name** *service-name*
    - **no router**
    - **server** *server-index* **address** *ip-address* **secret** *key* [**hash** | **hash2**] [**port** *port*] [**create**]
    - **no server** *server-index*
    - **source-address** *ip-address*
    - **no source-address**
    - **timeout** *seconds*
- **significant-change** **delta**
- **no significant-change**

## AA Group Commands

```

config
  — application-assurance
    — group aa-group-id[:partition-id] [create]
    — no group aa-group-id:partition-id
      — [no] aa-sub-remote
      — cflowd
        — collector ip-address[:port] [create]
        — no collector ip-address[:port]
          — description description-string
          — no description
          — [no] shutdown
        — comprehensive
          — app-group app-group-name [rate]
          — no app-group app-group-name
          — application application-name [rate]
          — no application application-name
          — flow-rate sample-rate
          — no flow-rate
          — flow-rate2 sample-rate
          — no flow-rate2
          — [no] shutdown
        — rtp-performance
          — app-group app-group-name [rate]
          — no app-group app-group-name
          — application application-name [rate]
          — no application application-name
          — flow-rate sample-rate
          — no flow-rate
          — flow-rate2 sample-rate
          — no flow-rate2
          — [no] shutdown
        — [no] shutdown
        — tcp-performance
          — [no] app-group app-group-name
          — [no] application application-name
          — flow-rate sample-rate
          — no flow-rate
          — flow-rate2 sample-rate
          — no flow-rate2
          — [no] shutdown
        — template-retransmit seconds
        — no template-retransmit seconds
        — volume seconds
          — rate sample-rate
          — no rate
          — [no] shutdown
      — http-error-redirect redirect-name [create]
      — no http-error-redirect redirect-name
        — description description-string
        — no description
        — error-code error-code [custom-msg-size custom-msg-size]
        — no error-code error-code
        — http-host http-host
        — no http-host

```

- **participant-id** *participant-id*
- **no participant-id**
- **[no] shutdown**
- **template** *template-id*
- **no template**
- **[no] http-match-all-requests**
- **http-notification** *http-notification-name* **[create]**
- **no http-notification** *http-notification-name*
  - **description** *description-string*
  - **no description**
  - **interval** {**one-time** | *minimum-interval*}
  - **script-url** *script-url-name* **[create]**
  - **no script-url**
  - **template** *value*
  - **[no] template**
- **http-redirect** *redirect-name* **[create]**
- **no http-redirect** *redirect-name*
  - **description** *description-string*
  - **no description**
  - **http-host** *http-host*
  - **no http-host**
  - **[no] shutdown**
  - **template** *template-id*
  - **no template**
- **[no] http-x-online-host**
- **policer** *policer-name* **type** *type* **granularity** *granularity* **[create]**
- **policer** *policer-name*
- **no policer** *policer-name*
  - **action** {**priority-mark** | **permit-deny**}
  - **adaptation-rule** **pir** {**max** | **min** | **closest**} [**cir** {**max** | **min** | **closest**}]
  - **no adaptation-rule**
  - **cbs** *committed burst size*
  - **no cbs**
  - **description** *description-string*
  - **no description**
  - **flow-count** *flow-count*
  - **no flow-count**
  - **mbs** *maximum burst size*
  - **no mbs** *maximum burst size*
  - **rate** *pir-rate* [**cir** *cir-rate*]
  - **no rate**
  - **tod-override** *tod-override-id* **[create]**
  - **no tod-override** *tod-override-id*
    - **description** *description-string*
    - **no description**
    - **mbs** *maximum-burst-size*
    - **no mbs**
    - **rate** *pir-rate*
    - **no rate**
    - **[no] shutdown**
    - **time-range** **daily** *start start-time end end-time* **[on day** *[day...(upto 7 max)]* **]**
    - **time-range** **weekly** *start start-time end end-time*

- **policy**
  - **no time-range**
  - **abort**
  - **begin**
  - **commit**
  - **app-filter**
    - **entry** *entry-id* [**create**]
    - **no entry** *entry-id*
      - **application** *application-name*
      - **no application** *application-name*
      - **description** *description-string*
      - **no description**
      - **expression** *expr-index* *expr-type* {**eq** | **neq**} *expr-string*
      - **no expression** *expr-index*
      - **flow-setup-direction** {**subscriber-to-network** | **network-to-subscriber** | **both**}
      - **ip-protocol-num** {**eq** | **neq**} *protocol-id*
      - **no ip-protocol-num**
      - **protocol** {**eq** | **neq**} *protocol-signature-name*
      - **no protocol**
      - **server-address** {**eq** | **neq**} *ip-address*
      - **no server-address**
      - **server-port** {**eq** | **neq** | **gt** | **lt**} *server-port-number*
      - **server-port** {**eq**} *server-port-number* [**first-packet-trusted** | **first-packet-validate**]
      - **no server-port**
      - [**no**] **shutdown**
  - **app-group** *application-group-name* [**create**]
  - **no app-group** *application-group-name*
    - **charging-group** *charging-group-name*
    - **no charging-group**
    - **description** *description-string*
    - **no description**
    - **export-id** *export-id*
    - **no export-id**
  - **app-profile** *app-profile-name* [**create**]
  - **no app-profile** *app-profile-name*
    - **capacity-cost** *cost*
    - **no capacity-cost**
    - **characteristic** *characteristic-name* **value** *value-name*
    - **no characteristic** *characteristic-name*
    - **description** *description-string*
    - **no description**
    - [**no**] **divert**
  - **app-qos-policy**
    - **entry** *entry-id* [**create**]
    - **no entry** *entry-id*
      - **action**
        - **bandwidth-policer** *policer-name*
        - **no bandwidth-policer**
        - [**no**] **bandwidth-policer**
        - [**no**] **cut-through-drop**
        - [**no**] **drop**
        - **flow-count-limit** *policer-name*
        - **no flow-count-limit**

- **flow-rate-limit** *policer-name*
- **no flow-rate-limit**
- **fragment-drop** {**all** | **out-of-order**} [**event-log** *event-log-name*]
- **no fragment-drop**
- **http-enrich** *http-enrich-name*
- **no http-enrich**
- **http-error-redirect** *redirect-name*
- **no http-error-redirect**
- **http-notification** *http-notification*
- **no http-notification**
- **http-redirect** *redirect-name* **flow-type** *flow-type*
- **no http-redirect**
- **mirror-source** [**all-inclusive**] *mirror-service-id*
- **no mirror-source**
- **remark**
  - **dscp in-profile** *dscp-name* **out-profile** *dscp-name*
  - **no dscp**
  - **fc** *fc-name*
  - **no fc** *fc-name*
  - **priority** *priority-level*
  - **no priority**
- **session-filter** *session-filter-name*
- **no session-filter**
- **url-filter** *url-filter-name* [**create**]
- **no url-filter**
- **match**
  - **aa-sub** **esm** {**eq** | **neq**} *sub-ident-string*
  - **aa-sub** **sap** {**eq** | **neq**} *sap-id*
  - **aa-sub** **spoke-sdp** {**eq** | **neq**} *sdp-id:vc-id*
  - **aa-sub** **transit** {**eq** | **neq**} *transit-aasub-name*
  - **no aa-sub**
  - **app-group** {**eq** | **neq**} *application-group-name*
  - **no app-group**
  - **application** {**eq** | **neq**} *application-group-name*
  - **no application**
  - **characteristic** *characteristic-name* **eq** *value-name*
  - **no characteristic**
  - **charging-group** {**eq** | **neq**} *charging-group-name*
  - **no charging-group**
  - **dscp** {**eq** | **neq**} *dscp-name*
  - **no dscp**
  - **dst-ip** {**eq** | **neq**} *ip-address*
  - **no dst-ip**
  - **dst-port** {**eq** | **neq**} *port-num*
  - **dst-port** {**eq** | **neq**} **range** *start-port-num* *end-port-num*
  - **no dst-port**
  - **ip-protocol-num** {**eq** | **neq**} *protocol-id*
  - **no ip-protocol-num**
  - **src-ip** {**eq** | **neq**} *ip-address*
  - **no src-ip**

- **src-port** {**eq** | **neq**} *port-num*
- **src-port** {**eq** | **neq**} **range** *start-port-num end-port-num*
- **no src-port**
- **src-port** {**subscriber-to-network** | **network-to-subscriber** | **both**}
- [**no**] **shutdown**
- **app-service-options**
  - **characteristic** *characteristic-name* [**create**]
  - **no characteristic** *characteristic-name*
    - **default-value** *value-name*
    - **no default-value**
    - [**no**] **value** *value-name*
- **application** *application-name* [**create**]
- **no application** *application-name*
  - **app-group** *app-group-name*
  - **charging-group** *charging-group-name*
  - **no charging-group**
  - **description** *description-string*
  - **no description**
  - **export-id** *export-id*
  - **no export-id**
- **charging-group** *charging-group-name* [**create**]
- **no charging-group**
  - **description** *description-string*
  - **no description**
  - **export-id** *export-id*
  - **no export-id**
- **custom-protocol** *custom-protocol-id* **ip-protocol-num** *protocol-id* [**create**]
- **custom-protocol** *custom-protocol-id*
- **no custom-protocol** *custom-protocol-id*
  - **description** *description-string*
  - **no description**
  - **expression** *expr-index* **eq** *expr-string* **offset** *payload-octet-offset*
  - **direction** *direction*
  - **no expression** *expr-index*
  - [**no**] **shutdown**
- **default-charging-group** *charging-group-name*
- **no default-charging-group**
- **diff**
- **policy-override**
  - **policy aa-sub** {**sap** *sap-id* | **spoke-sdp** *sdp-id:vc-id*} [**create**]
  - **no policy aa-sub** {**sap** *sap-id* | **spoke-sdp** *sdp-id:vc-id*}
    - **characteristic** *characteristic-name* **value** *value-name*
    - **no characteristic** *characteristic-name*
- **session-filter** *session-filter-name* [**create**]
- **no session-filter** *session-filter-name*
  - **default-action** {**permit** | **deny**}
  - **description** *description-string*
  - **no description**
  - **entry** *entry-id* [**create**]
  - **no entry** *entry-id*
    - **action** {**permit** | **deny**}
    - **description** *description-string*
    - **no description**

- **match**
  - **dscp** {**eq** | **neq**} *dscp-name*
  - **no dscp**
  - **dst-ip** {**eq** | **neq**} *ip-address*
  - **no dst-ip**
  - **dst-port** {**eq** | **neq**} *port-num*
  - **dst-port** {**eq** | **neq**} **range** *start-port-num end-port-num*
  - **no dst-port**
  - **ip-protocol-num** {**eq** | **neq**} *protocol-id*
  - **no ip-protocol-num**
  - **src-ip** {**eq** | **neq**} *ip-address*
  - **no src-ip**
  - **src-port** {**eq**|**gt**|**lt**} *port-num*
  - **src-port** **range** *start-port-num end-port-num*
  - **no src-port**
- **statistics**
  - **aa-sub**
    - **accounting-policy** *acct-policy-id*
    - **no accounting-policy**
    - [**no**] **aggregate-stats**
    - **app-group** *app-group-name* **export-using** *export-method* [*export-method...*(up to 2 max)]
    - **no app-group** *app-group-name*
    - **application** *application-name* **export-using** *export-method*
    - **no application** *application-name*
    - **charging-group** *charging-group-name* **export-using** *export-method*
    - **no charging-group** *charging-group-name*
    - [**no**] **collect-stats**
    - [**no**] **exclude-tcp-retrans**
    - [**no**] **max-throughput-stats**
    - [**no**] **protocol** *protocol-name* **export-using** *export-method*
    - **radius-accounting-policy** *rad-acct-plcy-name*
    - **no radius-accounting-policy**
  - **aa-sub-study** *study-type*
    - **aa-sub** {**esm** *sub-ident-string* | **sap** *sap-id* | **spoke-sdp** *sdp-id:vc-id* | **transit** *transit-aasub-name*}
    - **no aa-sub** {**esm** *sub-ident-string* | **sap** *sap-id* | **spoke-sdp** *sdp-id:vc-id* | **transit** *transit-aasub-name*}
    - **accounting-policy** *acct-policy-id*
    - **no accounting-policy**
    - [**no**] **collect-stats**
  - **app-group**
    - **accounting-policy** *acct-policy-id*
    - **no accounting-policy**
    - [**no**] **collect-stats**
  - **application**
    - **accounting-policy** *acct-policy-id*
    - **no accounting-policy**
    - **charging-group** *charging-group-name* **export-using** *export-method*
    - **no charging-group** *charging-group-name*

- [no] **collect-stats**
- **protocol**
  - **accounting-policy** *acct-policy-id*
  - **no accounting-policy**
  - [no] **collect-stats**
- **transit-ip-policy** *ip-policy-id* [**create**]
- **no transit-ip-policy** *ip-policy-id*
  - **def-app-profile** *app-profile-name*
  - **no def-app-profile**
  - **description** *description-string*
  - **no description**
  - [no] **detect-seen-ip**
  - **dhcp**
    - [no] **shutdown**
  - **ipv6-address-prefix-length** *IPv6 prefix length*
  - **no ipv6-address-prefix-length**
  - **radius**
    - **authentication-policy** *name*
    - **no authentication-policy**
    - **seen-ip-radius-acct-policy** *rad-acct-plcy-name*
    - **no seen-ip-radius-acct-policy**
    - [no] **shutdown**
  - **static-aa-sub** *transit-aasub-name*
  - **static-aa-sub** *transit-aasub-name* **app-profile** *app-profile-name* [**create**]
  - **no static-aa-sub** *transit-aasub-name*
    - [no] **ip** *ip-address*
  - **sub-ident-policy** *sub-ident-policy-name*
  - **no sub-ident-policy**
  - **transit-auto-create**
    - [no] **shutdown**
- **transit-prefix-policy** *prefix-policy-id* [**create**]
- **no transit-prefix-policy** *prefix-policy-id*
  - **description** *description-string*
  - **no description**
  - **entry** *entry-id* [**create**]
  - **entry** *entry-id*
  - **no entry** *entry-id*
    - **aa-sub** *transit-aasub-name*
    - **no aa-sub**
    - **match** *transit-aasub-name*
      - **aa-sub-ip** *ip-address[/mask]*
      - **no aa-sub-ip**
      - **network-ip** *ip-address[/mask]*
      - **no network-ip**
  - **static-aa-sub** *transit-aasub-name*
  - **static-aa-sub** *transit-aasub-name* **app-profile** *app-profile-name* [**create**]
  - **no static-aa-sub** *transit-aasub-name*
  - **static-remote-aa-sub** *transit-aasub-name*
  - **static-remote-aa-sub** *transit-aasub-name* **app-profile** *app-profile-name* [**create**]
  - **no static-remote-aa-sub** *transit-aasub-name*
- **url-filter** *url-filter-name* [**create**]
- **no url-filter**
  - **default-action** **allow**
  - **default-action** **block-all**
  - **default-action** **block-http-redirect** *http-redirect-name*

- **no default-action**
- **description** *description-string*
- **no description**
- **icap-http-redirect** *http-redirect-name*
- **no icap-http-redirect**
- **icap-server** *ip-address[:port]* [**create**]
- **no icap-server** *ip-address[:port]*
  - **description** *description-string*
  - **no description**
  - [**no**] **shutdown**
- [**no**] **shutdown**
- **vlan-id** *service-port-vlan-id*
- **no vlan-id**
- **wap1x**
  - [**no**] **shutdown**

## Persistence Commands

```
config
  — system
    — persistence
      — application-assurance
        — description description-string
        — no description
        — location cflash-id
        — no location
```

## Show Commands

```

show
  — isa
    — application-assurance-group [aa-group-id [load-balance [unassigned]]]
  — application-assurance
    — aarp
    — aarp aarpId [detail]
    — group aa-group-id
      — aa-sub esm sub-ident-string [snapshot]
      — aa-sub sap sap-id
      — aa-sub spoke-sdp sdp-id:vc-id [snapshot]
      — aa-sub transit transit-aasub-name [snapshot]
        — app-group [app-group-name] count [detail]
        — application [application-name] count [detail]
        — charging-group charging-group-name
        — charging-group count [detail]
        — policers
        — protocol [protocol-name] count [detail]
        — protocol
        — summary
      — aa-sub-list [isa mda-id]
      — aa-sub-list policers-exceeded
      — aa-sub-list summary
      — aa-sub-study esm sub-ident-string [snapshot]
      — aa-sub-study sap sap-id [snapshot]
      — aa-sub-study spoke-sdp sdp-id:vc-id [snapshot]
      — aa-sub-study transit transit-aasub-name [snapshot]
        — application [application-name] count [detail]
        — protocol [protocol-name] count [detail]
      — app-group [app-group-name] count [detail]
      — app-group [application-name] count [detail]
      — cflowd
        — collector [detail]
        — status
      — charging-group charging-group-name
      — http-notification http-notification-name
      — http-notification http-notification-name summary
      — partition summary
      — policer [policer-name]
      — policer summary
      — policy
        — admin
        — app-filter [entry-id]
        — app-group [app-group-name]
        — app-profile [app-prof-name]
        — app-profile app-prof-name associations
        — app-qos-policy [entry-id]
        — app-service-option [characteristic-name]
        — application [app-name]
        — charging-group charging-group-name
        — custom-protocol
        — summary

```

- **protocol** [*protocol-name*] **count** [**detail**]
- **session-filter**
- **session-filter** *session-filter-name*
- **status** [*isa mda-id*] **cflowd**
- **status** [*isa mda-id*]
- **status** [*isa mda-id*] **detail**
- **status** [*isa mda-id*] **cpu** [**sample-period** seconds]
- **status** {*isa mda-id*} **qos count**
- **status** {*isa mda-id*} **qos pools**
- **transit-ip-policy** *ip-policy-id*
- **transit-ip-policy** **summary**
- **transit-ip-policy** *ip-policy-id* **summary**
- **transit-prefix-policy** *transit-prefix-policy-id*
- **transit-prefix-policy** **summary**
- **transit-prefix-policy** *transit-prefix-policy-id* **summary**
- **url-filter** *url-filter-name*
- **url-filter** *url-filter-name* *card/mda*
- **url-filter** *url-filter-name* *card/mda* **detail**
- **http-error-redirect**
  - **error-codes**
  - **template**
- **protocol** [*protocol-name*]
- **protocol** [*protocol-name*] **detail**
- **radius-accounting-policy** [*rad-acct-plcy-name*]
- **radius-accounting-policy** *rad-acct-plcy-name* **associations**
- **radius-accounting-policy** *rad-acct-plcy-name* **statistics**
- **version**
- **service**
  - **aa-sub-using**
  - **aa-sub-using** **app-profile** *app-profile-name*
  - **sap-using**
    - **app-profile** *app-profile-name*
  - **sap-using**
    - **sdp-using** [*sdp-id[:vc-id]*]**far-end** *ip-address*]
    - **sdp-using** **app-profile** *app-profile-name*

## Tools Commands

- tools
  - **dump**
    - **application-assurance**
      - **arp** *arpId* **event-history** [**clear**]
      - **group** *aa-group-id* [*:partition-id*]
        - **aa-sub-search** *search-type* *granularity* [**direction** *direction*] [**max-count** *max-count*]
        - **flow-record-search** **aa-sub** {*esm sub-ident-string* | **sap** *sap-id* | **spoke-sdp** *sdp-id:vc-id* | **transit** *transit-aasub-name*} [**protocol** *protocol-name*] [**application** *app-name*] [**app-group** *app-group-name*] [**flow-status** *flow-status*] [**start-flowid** *start-flowid*] [**classified** *classified*] [**server-ip** *ip-address*] [**server-port** *port-num*] [**client-ip** *ip-address*] [**bytes-tx** *kbytes*] [**flow-duration** *minutes*] [**max-count** *max-count*] [**search-type** *search-type*] [**url** *file-url*]
        - **flow-record-search** *isa mda-id* [**protocol** *protocol-name*] [**application** *app-name*] [**app-group** *app-group-name*] [**flow-status** *flow-status*] [**start-flowid** *start-flowid*] [**p-group-name** *p-group-name*] [**flow-status** *flow-status*] [**start-flowid** *start-flowid*]

- wid** *start-flowid* [**classified** *classified*] [**server-ip** *ip-address*] [**server-port** *port-num*] [**client-ip** *ip-address*] [**bytes-tx** *kbytes*] [**flow-duration** *minutes*] [**max-count** *max-count*] [**search-type** *search-type*] [**url** *file-url*]
- **http-host-recorder detail** **detail** [**isa** *mda-id*] **url** *file-url*
- **http-host-recorder status** [**isa** *mda-id*]
- **http-host-recorder top** *granularity* [**max-count** *max-count*] [**isa** *mda-id*]
- **load-balance** [**service** *service-id*]
- **port-recorder detail** [**flow-count** *flows*] [**byte-count** *kbytes*][**isa** *mda-id*] **url** *file-url*
- **port-recorder status** [**isa** *mda-id*]
- **port-recorder top** *granularity* [**max-count** *max-count*] [**isa** *mda-id*]
- **seen-ip transit-ip-policy** *ip-policy-id*
- **seen-ip transit-ip-policy** *ip-policy-id* **clear**

## Clear Commands

- clear**
  - **application-assurance**
    - **group** *aa-group-id* **cflowd**
    - **group** *aa-group-id* **statistics**
    - **group** *aa-group-id* **status**
    - **group** *rad-acct-plcy-name* [**server** *server-index*] **statistics**

## Debug Commands

- debug**
  - [**no**] **mirror-source** *service-id*
    - **isa-aa-group** *aa-group-id* {**all** | **unknown**}
    - **no isa-aa-group** *aa-group-id*