Preface

About This Guide

This guide provides a general overview of functionality provided by Alcatel-Lucent's family of routers and presents examples to configure and implement various protocols and services.

This document is organized into functional chapters and provides concepts and descriptions of the implementation flow, as well as Command Line Interface (CLI) syntax and command usage.

Audience

This guide is intended for network administrators who are responsible for configuring 7750 SR routers. It is assumed that the network administrators have an understanding of networking principles and configurations. Concepts described in this guide include the following:

- Service distribution points (SDPs)
- Configuring customer information
- Configuring user services

List of Technical Publications

The 7750 SR documentation set is composed of the following guides:

Table 1: List of Technical Publications

Guide	Description
7750 SR Basic System Configuration Guide	This guide describes basic system configurations and operations.
7750 SR System Management Guide	This guide describes system security and access configurations as well as event logging and accounting logs.
7750 SR Interface Configuration Guide	This guide describes card, Media Dependent Adapter (MDA) and port provisioning.
7750 SR Router Configuration Guide	This guide describes logical IP routing interfaces and associated attributes such as an IP address, as well as IP and MAC-based filtering, and VRRP and Cflowd.
7750 SR Routing Protocols Guide	This guide provides an overview of routing concepts and provides configuration examples for RIP, OSPF, IS-IS, BGP, and route policies.
7750 SR MPLS Guide	This guide describes how to configure Multiprotocol Label Switching (MPLS) and Label Distribution Protocol (LDP).
7750 SR Services Overview Guide	This guide describes how to configure service parameters such as service distribution points (SDPs), customer information, and user services.
7750 SR Layer 2 Services and EVPN Guide: VLL, VPLS, PBB, and EVPN	This guide describes Virtual Leased Lines (VLL), Virtual Private LAN Service (VPLS), Provider Backbone Bridging (PBB), and Ethernet VPN (EVPN).
7750 SR Layer 3 Services Guide: Internet Enhanced Services and Virtual Private Routed Network Services	This guide describes Internet Enhanced Services (IES) and Virtual Private Routed Network (VPRN) services.

Table 1: List of Technical Publications

Guide	Description
7750 SR OAM and Diagnostics Guide	This guide describes how to configure features such as service mirroring and Operations, Administration and Management (OAM) tools.
7750 SR Triple Play Guide	This guide describes Triple Play services and support provided by the 7750 SR and presents examples to configure and implement various protocols and services.
7750 SR Quality of Service Guide	This guide describes how to configure Quality of Service (QoS) policy management.
7750 SR RADIUS Attributes Reference Guide	This guide describes all supported RADIUS Authentication, Authorization and Accounting attributes.
7450 ESS and 7750 SR Multiservice Integrated Service Adapter Guide	This guide describes services provided by integrated service adapters such as Application Assurance, IPSec, ad insertion (ADI) and Network Address Translation (NAT).
7750 SR Gx AVPs Reference Guide	This guide describes Gx Attribute Value Pairs (AVP).

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Technical Support

If you purchased a service agreement for your 7750 SR router and related products from a distributor or authorized reseller, contact the technical support staff for that distributor or reseller for assistance. If you purchased an Alcatel-Lucent service agreement, follow this link to contact an Alcatel-Lucent support representative and to access product manuals and documentation updates:

https://support2.alcatel-lucent.com/portal/olcsHome.doc

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