

About This Guide

This guide provides advanced configuration solutions for Alcatel-Lucent's 7750 SR and 7450 ESS router and is meant to be supplemental to the basic user configuration guides listed below.

The guide is organized alphabetically and provides feature and configuration explanations, CLI descriptions and overall solutions.

Audience

This manual is intended for network administrators who are responsible for configuring the routers. It is assumed that the network administrators have a detailed understanding of networking principles and configurations.

List of Technical Publications

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

- **Basic System Configuration Guide**
This guide describes basic system configurations and operations.
- **System Management Guide**
This guide describes system security and access configurations as well as event logging and accounting logs.
- **Interface Configuration Guide**
This guide describes card, Media Dependent Adapter (MDA) and port provisioning.
- **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.
- **Routing Protocols Guide**

This guide provides an overview of routing concepts and provides configuration examples for RIP, OSPF, IS-IS, BGP, and route policies.

- MPLS Configuration Guide

This guide describes how to configure Multiprotocol Label Switching (MPLS) and Label Distribution Protocol (LDP).

- Services Overview Guide

This guide describes how to configure service parameters such as service distribution points (SDPs), customer information, and user services.

- Layer 2 Services and EVPN Guide

This guide describes Virtual Leased Lines (VLL), Virtual Private LAN Service (VPLS), Provider Backbone Bridging (PBB), and Ethernet VPN (EVPN).

- Layer 3 Services Guide

This guide describes Internet Enhanced Services (IES) and Virtual Private Routed Network (VPRN) services.

- Versatile Service Module Guide

This guide describes how to configure service parameters for the Versatile Service Module (VSM).

- OAM and Diagnostics Guide

This guide describes how to configure features such as service mirroring and Operations, Administration and Management (OAM) tools.

- Triple Play Guide

This guide describes Triple Play services and support provided by the routers and presents examples to configure and implement various protocols and services.

- Quality of Service Guide

This guide describes how to configure Quality of Service (QoS) policy management.

- RADIUS Attributes Guide

This guide describes all supported RADIUS Authentication, Authorization and Accounting attributes.

- Multi-Service 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).

- Gx AVPs Reference Guide

This guide describes Gx Attribute Value Pairs (AVP).

Technical Support

If you purchased a service agreement for your 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, contact your welcome center:

<http://www.alcatel-lucent.com/wps/portal/support>

Report documentation errors, omissions and comments to:

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