

Getting Started

In This Chapter

This book provides process flow information to configure provision protocols and services pertaining to Triple Play Services Delivery Architecture (TPSDA).

Alcatel-Lucent 7750 SR-Series Services Configuration Process

[Table 2](#) lists the tasks necessary to configure TPSDA entities. Each section describes a software area and provides CLI syntax and command usage to configure parameters for a functional area.

Table 2: Configuration Process

| Area | Task | Chapter |
|--------------------------------|--|--|
| Introduction | Overview | Introduction to Triple Play on page 27 |
| DHCP | Theory, configuration | DHCP Management on page 319 |
| Security | Anti-spoofing, MAC pinning, MAC protection, DoS protection VPLS redirect policies, Web portal redirect, ARP handling | Triple Play Security on page 559 |
| PPPoE | Theory, configuration | Point-to-Point Protocol over Ethernet (PPPoE) Management on page 595 |
| Multicast | Multicast, IGMP, SSM, PIM | Triple Play Multicast on page 601 |
| Enhanced Subscriber management | RADIUS authentication, ESM entities, Routed CO, M-SAP | Triple Play Enhanced Subscriber Management on page 695 |

Table 2: Configuration Process

| Area | Task | Chapter (Continued) |
|-----------|---|---|
| Reference | Python Scripting List of IEEE, IETF, and other proprietary entities. | Python Script Support for ESM on page 1467 Standards and Protocol Support on page 1513 |

Note: In SR OS 12.0.R4 any function that displays an IPv6 address or prefix changes to reflect rules described in RFC 5952, *A Recommendation for IPv6 Address Text Representation*. Specifically, hexadecimal letters in IPv6 addresses are now represented in lowercase, and the correct compression of all leading zeros is displayed. This changes visible display output compared to previous SR OS releases. Previous SR OS behavior can cause issues with operator scripts that use standard IPv6 address expressions and with libraries that have standard IPv6 parsing as per RFC 5952 rules. See the section on IPv6 Addresses in the Router Configuration Guide for more information.