GETTING STARTED

In This Chapter

This chapter provides process flow information to configure MPLS, RSVP, GMPLS, and LDP protocols.

Alcatel-Lucent Router Configuration Process

Table 2 lists the tasks necessary to configure MPLS applications functions.

This guide is presented in an overall logical configuration flow. 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
Protocol configuration	Configure MPLS protocols:	
	• MPLS	MPLS on page 27
	• RSVP	RSVP on page 50
	• GMPLS	GMPLS on page 445
	• LDP	Label Distribution Protocol on page 548
Reference	List of IEEE, IETF, and other proprietary entities.	Standards and Protocol Support on page 839

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.