Getting Started

In This Chapter

This chapter provides process flow information to configure basic router and system parameters, perform operational functions with directory and file management, and boot option tasks.

Alcatel-Lucent 7750 SR System Configuration Process

Table 2 lists the tasks necessary to configure boot option files (BOF) and system and file management functions. Each chapter in this book 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. After the hardware installation has been properly completed, proceed with the 7750 SR router configuration tasks in the following order:

Table 2: Configuration Process

Area	Task	Chapter
CLI Usage	The CLI structure	CLI Usage on page 19
	Basic CLI commands	Basic CLI Commands on page 24
	Configure environment commands	CLI Environment Commands on page 27
	Configure monitor commands	CLI Monitor Commands on page 28
Operational functions	Directory and file management	File System Management on page 65
Boot options	Configure boot option files (BOF)	Boot Options on page 193

Table 2: Configuration Process

Area	Task	Chapter (Continued)
System configuration	Configure system functions, including host name, address, domain name, and time parameters.	System Management on page 241
Reference	List of IEEE, IETF, and other proprietary entities.	Standards and Protocol Support on page 527

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.