

Getting Started

In This Chapter

This chapter provides process flow information to configure routing entities, virtual routers, IP and MAC filters, and Cflowd.

Alcatel-Lucent 7750 SR-Series Router Configuration Process

[Table 2](#) lists the tasks necessary to configure logical IP routing interfaces, virtual routers, IP and MAC-based filtering, and Cflowd.

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
Router configuration	Configure router parameters, including router interfaces and addresses, router IDs, autonomous systems, and confederations.	IP Router Configuration on page 21
Protocol configuration	VRRP	VRRP on page 305
	IP and MAC filters	Filter Policies on page 409
	Cflowd	Cflowd on page 563
Reference	List of IEEE, IETF, and other proprietary entities.	Standards and Protocol Support on page 599

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 this guide for more information.