

Getting Started

In This Chapter

This chapter provides process flow information to configure Quality of Service (QoS) policies and provision services.

Alcatel-Lucent 7750 SR-Series Services Configuration Process

Table 2 lists the tasks necessary to configure and apply QoS policies. 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
Policy configuration	Configuring QoS Policies	
	• Network	Network QoS Policies on page 79
	• Network queue	Network Queue QoS Policies on page 101
	• SAP ingress/SAP egress	Service Egress and Ingress QoS Policies on page 203
	• Scheduler	QoS Scheduler Policies on page 541
	• Slope	Slope QoS Policies on page 649
	• Shared queue	Shared-Queue QoS Policies on page 689
	• ATM traffic descriptor	QoS ATM Traffic Descriptor Profiles on page 761
	• Named pools	Named Pools on page 719
	• HSMDA	High Scale Ethernet MDA Capabilities on page 761
• CFHP	Class Fair Hierarchical Policing (CFHP) on page 699	
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 the Router Configuration Guide for more information.