

# Getting Started

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## In This Chapter

This chapter provides process flow information to configure IP routing protocols.

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## Alcatel-Lucent 7750 SR-Series Router Configuration Process

[Table 2](#) lists the tasks necessary to configure RIP, OSPF, and IS-IS, BGP, and multicast protocols, and route 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
Protocol configuration	Configure routing protocols: <ul style="list-style-type: none"><li>• Multicast</li><li>• RIP</li><li>• OSPF</li><li>• IS-IS</li><li>• BGP</li></ul>	<a href="#">Multicast on page 23</a> <a href="#">RIP on page 257</a> <a href="#">OSPF on page 255</a> <a href="#">IS-IS on page 449</a> <a href="#">BGP on page 619</a>
Policy configuration	<ul style="list-style-type: none"><li>• Configure route policies</li></ul>	<a href="#">Route Policies on page 863</a>
Reference	List of IEEE, IETF, and other proprietary entities.	<a href="#">Standards and Protocol Support on page 1043</a>

**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.