



Preface

This preface describes the audience, organization, and conventions of the *Cisco Nexus 7000 Series NX-OS Multicast Routing Configuration Guide*. It also provides information on how to obtain related documentation.

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Audience

This publication is for experienced users who configure and maintain Cisco NX-OS devices.

Organization

This reference is organized as follows:

Chapter and Title	Description
Chapter 1, “Overview”	Describes the Cisco NX-OS multicast features.
Chapter 1, “Configuring IGMP”	Describes how to configure the Cisco NX-OS IGMP features.
Chapter 1, “Configuring MLD”	Describes how to configure the Cisco NX-OS MLD features.
Chapter 1, “Configuring PIM and PIM6”	Describes how to configure the Cisco NX-OS PIM and PIM6 features.
Chapter 1, “Configuring IGMP Snooping”	Describes how to configure the Cisco NX-OS IGMP snooping feature.
Chapter 1, “Configuring MSDP”	Describes how to configure the Cisco NX-OS MSDP feature.

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Chapter and Title	Description
Chapter 1, “Configuring Multicast Interoperation with N7K-F132-15 Modules.”	Describes how to configure multicast interoperation with F series and M series modules.
Appendix 1, “IETF RFCs for IP Multicast”	Contains the RFCs related to the Cisco NX-OS multicast features.

Document Conventions

Command descriptions use these conventions:

Convention	Description
boldface font	Commands and keywords are in boldface.
<i>italic font</i>	Arguments for which you supply values are in italics.
[]	Elements in square brackets are optional.
[x y z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.

Screen examples use these conventions:

screen font	Terminal sessions and information that the switch displays are in screen font.
boldface screen font	Information you must enter is in boldface screen font.
<i>italic screen font</i>	Arguments for which you supply values are in italic screen font.
< >	Nonprinting characters, such as passwords, are in angle brackets.
[]	Default responses to system prompts are in square brackets.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.

This document uses the following conventions:



Note

Means reader *take note*. Notes contain helpful suggestions or references to material not covered in the manual.



Caution

Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.



Tip

Means *the following information will help you solve a problem*.

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Related Documentation

Cisco NX-OS includes the following documents:

Release Notes

Cisco Nexus 7000 Series NX-OS Release Notes, Release 5.x

NX-OS Configuration Guides

Cisco Nexus 7000 Series NX-OS Configuration Examples, Release 5.x

Configuring the Cisco Nexus 2000 Series Fabric Extender

Cisco Nexus 7000 Series NX-OS FabricPath Configuration Guide

Configuring Feature Set for FabricPath

Cisco NX-OS FCoE Configuration Guide for Cisco Nexus 7000 and Cisco MDS 9500

Cisco Nexus 7000 Series NX-OS Fundamentals Configuration Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS High Availability and Redundancy Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS Interfaces Configuration Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS Layer 2 Switching Configuration Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS LISP Configuration Guide

Cisco Nexus 7000 Series NX-OS MPLS Configuration Guide

Cisco Nexus 7000 Series NX-OS Multicast Routing Configuration Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS OTV Configuration Guide

Cisco Nexus 7000 Series OTV Quick Start Guide

Cisco Nexus 7000 Series NX-OS Quality of Service Configuration Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS SAN Switching Configuration Guide

Cisco Nexus 7000 Series NX-OS Security Configuration Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS System Management Configuration Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS Unicast Routing Configuration Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS Virtual Device Context Configuration Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS Virtual Device Context Quick Start, Release 5.x

NX-OS Command References

Cisco Nexus 7000 Series NX-OS Command Reference Master Index

Cisco Nexus 7000 Series NX-OS FabricPath Command Reference

Cisco NX-OS FCoE Command Reference for Cisco Nexus 7000 and Cisco MDS 9500

Cisco Nexus 7000 Series NX-OS Fundamentals Command Reference

Cisco Nexus 7000 Series NX-OS High Availability Command Reference

Cisco Nexus 7000 Series NX-OS Interfaces Command Reference

Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference

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Cisco Nexus 7000 Series NX-OS LISP Command Reference
Cisco Nexus 7000 Series NX-OS MPLS Command Reference
Cisco Nexus 7000 Series NX-OS Multicast Routing Command Reference
Cisco Nexus 7000 Series NX-OS OTV Command Reference
Cisco Nexus 7000 Series NX-OS Quality of Service Command Reference
Cisco Nexus 7000 Series NX-OS SAN Switching Command Reference
Cisco Nexus 7000 Series NX-OS Security Command Reference
Cisco Nexus 7000 Series NX-OS System Management Command Reference
Cisco Nexus 7000 Series NX-OS Unicast Routing Command Reference
Cisco Nexus 7000 Series NX-OS Virtual Device Context Command Reference

Other Software Documents

Cisco NX-OS Licensing Guide
Cisco Nexus 7000 Series NX-OS MIB Quick Reference
Cisco Nexus 7000 Series NX-OS Software Upgrade and Downgrade Guide, Release 5.x
Cisco NX-OS System Messages Reference
Cisco Nexus 7000 Series NX-OS Troubleshooting Guide
Cisco NX-OS XML Interface User Guide

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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