



## Preface

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This preface describes the audience, organization, and conventions of the *Cisco Nexus 5500 Series NX-OS Multicast Routing Command Reference*. It also provides information on how to obtain related documentation.

This preface includes the following sections:

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- [Supported Switches, page xi](#)
- [Document Conventions, page xii](#)
- [Related Documentation, page xiii](#)
- [Obtaining Documentation and Submitting a Service Request, page xiv](#)

## Audience

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

## Supported Switches

This section includes the following topics:

- [Cisco Nexus 5500 Platform Switches, page xi](#)

## Cisco Nexus 5500 Platform Switches

[Table 1](#) lists the Cisco switches supported in the Cisco Nexus 5500 Platform.



### Note

For more information on these switches, see the *Cisco Nexus 5500 Platform and Cisco Nexus 5000 Platform Hardware Installation Guide* available at the following URL:

[http://www.cisco.com/en/US/products/ps9670/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps9670/tsd_products_support_series_home.html)

**Table 1 Supported Cisco Nexus 5500 Platform Switches**

Switch	Description
Cisco Nexus 5548P Switch	The Cisco Nexus 5548P switch is the first switch in the Cisco Nexus 5500 Platform. It is a one-rack-unit (1 RU), 10-Gigabit Ethernet and Fibre Channel over Ethernet (FCoE) switch that offers up to 960-Gbps throughput and up to 48 ports.
Cisco Nexus 5596P Switch	The Cisco Nexus 5596P switch is a top-of-rack, 10-Gigabit Ethernet and FCoE switch offering up to 1920-Gigabit throughput and up to 96 ports.

## Document Conventions

Command descriptions use these conventions:

Convention	Description
<b>boldface font</b>	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 }	Alternative keywords are grouped in braces and separated by vertical bars.
[ 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:

<code>screen font</code>	Terminal sessions and information that the switch displays are in screen font.
<b><code>boldface screen font</code></b>	Information you must enter is in boldface screen font.
<i><code>italic screen font</code></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.

## Related Documentation

Documentation for Cisco Nexus 5000 Series Switches and Cisco Nexus 2000 Series Fabric Extender is available at the following URL:

[http://www.cisco.com/en/US/products/ps9670/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps9670/tsd_products_support_series_home.html)

The following are related Cisco Nexus 5000 Series and Cisco Nexus 2000 Series Fabric Extender documents:

## Release Notes

*Cisco Nexus 5500 Series Release Notes*

## Configuration Guides

*Cisco Nexus 5500 Series Configuration Limits for Cisco NX-OS Release 7.x*

*Cisco Nexus 5500 Series NX-OS Fibre Channel over Ethernet Configuration Guide*

*Cisco Nexus 5500 Series NX-OS Layer 2 Switching Configuration Guide*

*Cisco Nexus 5500 Series NX-OS Multicast Routing Configuration Guide*

*Cisco Nexus 5500 Series NX-OS Quality of Service Configuration Guide*

*Cisco Nexus 5500 Series NX-OS SAN Switching Configuration Guide*

*Cisco Nexus 5500 Series NX-OS Security Configuration Guide*

*Cisco Nexus 5000 Series NX-OS System Management Configuration Guide*

*Cisco Nexus 5500 Series NX-OS Unicast Routing Configuration Guide*

*Cisco Nexus 5500 Series NX-OS Fundamentals Configuration Guide*

## Maintain and Operate Guides

*Cisco Nexus 5500 Series NX-OS Operations Guide*

## Installation and Upgrade Guides

*Cisco Nexus 5500 Platform Hardware Installation Guide*

*Cisco Nexus 5500 Series NX-OS Software Upgrade and Downgrade Guide*

*Regulatory Compliance and Safety Information for the Cisco Nexus 5500 Series Switches*

## Licensing Guide

*Cisco NX-OS Licensing Guide*

## Command References

*Cisco Nexus 5500 Series NX-OS Fibre Channel Command Reference*

*Cisco Nexus 5500 Series NX-OS Fundamentals Command Reference*

*Cisco Nexus 5500 Series NX-OS Layer 2 Interfaces Command Reference*

*Cisco Nexus 5500 Series NX-OS Multicast Routing Command Reference*

*Cisco Nexus 5500 Series NX-OS QoS Command Reference*

*Cisco Nexus 5500 Series NX-OS Security Command Reference*

*Cisco Nexus 5500 Series NX-OS System Management Command Reference*

*Cisco Nexus 5500 Series NX-OS Unicast Routing Command Reference*

## Error and System Messages

*Cisco NX-OS System Messages Reference*

## Troubleshooting Guide

*Cisco Nexus 5500 Troubleshooting 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:

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

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