



## Preface

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

This preface includes the following sections:

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- [Obtaining Documentation and Submitting a Service Request, page xiii](#)

## 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 ix](#)

## 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.  |

## Organization

This document is organized as follows:

| Chapter Title                 | Description  |
|-------------------------------|--|
| <a href="#">B Commands</a>    | Describes the Cisco NX-OS basic system commands that begin with B. |
| <a href="#">C Commands</a>    | Describes the Cisco NX-OS basic system commands that begin with C. |
| <a href="#">D Commands</a>    | Describes the Cisco NX-OS basic system commands that begin with D. |
| <a href="#">E Commands</a>    | Describes the Cisco NX-OS basic system commands that begin with E. |
| <a href="#">F Commands</a>    | Describes the Cisco NX-OS basic system commands that begin with F. |
| <a href="#">G Commands</a>    | Describes the Cisco NX-OS basic system commands that begin with G. |
| <a href="#">H Commands</a>    | Describes the Cisco NX-OS basic system commands that begin with H. |
| <a href="#">I Commands</a>    | Describes the Cisco NX-OS basic system commands that begin with I. |
| <a href="#">L Commands</a>    | Describes the Cisco NX-OS basic system commands that begin with L. |
| <a href="#">M Commands</a>    | Describes the Cisco NX-OS basic system commands that begin with M. |
| <a href="#">P Commands</a>    | Describes the Cisco NX-OS basic system commands that begin with P. |
| <a href="#">R Commands</a>    | Describes the Cisco NX-OS basic system commands that begin with R. |
| <a href="#">S Commands</a>    | Describes the Cisco NX-OS basic system commands that begin with S. |
| <a href="#">Show Commands</a> | Describes the Cisco NX-OS basic system <b>show</b> commands.       |
| <a href="#">T Commands</a>    | Describes the Cisco NX-OS basic system commands that begin with T. |
| <a href="#">U Commands</a>    | Describes the Cisco NX-OS basic system commands that begin with U. |
| <a href="#">W Commands</a>    | Describes the Cisco NX-OS basic system commands that begin with W. |

## 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:

|                             |   |
|-----------------------------|---|
| screen font                 | Terminal sessions and information that the switch displays are in screen font.                            |
| <b>boldface screen font</b> | 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.

## 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 Switch Release Notes*

## Configuration Guides

*Cisco Nexus 5500 Series Configuration Limits for Cisco NX-OS Release 7.0(0)N1(1)*

*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 5500 Series NX-OS System Management Configuration Guide*

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

*Cisco Nexus 5500 Series Fabric Manager Configuration Guide*

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

*Cisco Nexus 2000 Series Fabric Extender Software 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 2000 Series 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 and Cisco Nexus 2000 Series Fabric Extenders*

## Licensing Guide

*Cisco NX-OS Licensing Guide*

## Command References

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

*Cisco Nexus 5500 Series NX-OS Fabric Extender Command Reference*

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

## Technical References

*Cisco Nexus 5500 Series and Cisco Nexus 2000 Series Fabric Extender MIBs 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>

Subscribe to the *What's New in Cisco Product Documentation* as an RSS feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service. Cisco currently supports RSS Version 2.0.

