



Review Draft - Cisco Confidential

## Preface

---

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:

- [Audience, page 1](#)
- [Supported Switches, page 1](#)
- [Organization, page 2](#)
- [Document Conventions, page 2](#)
- [Related Documentation, page 3](#)
- [Obtaining Documentation and Submitting a Service Request, page 5](#)

## 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 1](#)

## 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)

## Review Draft -- Cisco Confidential

**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.

## *Review Draft -- Cisco Confidential*

<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*

## **Review Draft -- Cisco Confidential**

### **Configuration Guides**

*Cisco Nexus 5500 Series Configuration Limits for Cisco NX-OS Release 6.0(2)NI(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*

## ***Review Draft -- Cisco Confidential***

*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, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation* at: <http://www.cisco.com/c/en/us/td/docs/general/whatsnew/whatsnew.html>.

Subscribe to *What's New in Cisco Product Documentation*, which lists all new and revised Cisco technical documentation as an RSS feed and delivers content directly to your desktop using a reader application. The RSS feeds are a free service.

***Review Draft -- Cisco Confidential***