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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:

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- [Document Conventions, page x](#)
- [Related Documentation, page xi](#)
- [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

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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
B Commands	Describes the Cisco NX-OS basic system commands that begin with B.
C Commands	Describes the Cisco NX-OS basic system commands that begin with C.
D Commands	Describes the Cisco NX-OS basic system commands that begin with D.
E Commands	Describes the Cisco NX-OS basic system commands that begin with E.
F Commands	Describes the Cisco NX-OS basic system commands that begin with F.
G Commands	Describes the Cisco NX-OS basic system commands that begin with G.
H Commands	Describes the Cisco NX-OS basic system commands that begin with H.
I Commands	Describes the Cisco NX-OS basic system commands that begin with I.
L Commands	Describes the Cisco NX-OS basic system commands that begin with L.
M Commands	Describes the Cisco NX-OS basic system commands that begin with M.
P Commands	Describes the Cisco NX-OS basic system commands that begin with P.
R Commands	Describes the Cisco NX-OS basic system commands that begin with R.
S Commands	Describes the Cisco NX-OS basic system commands that begin with S.
Show Commands	Describes the Cisco NX-OS basic system show commands.
T Commands	Describes the Cisco NX-OS basic system commands that begin with T.
U Commands	Describes the Cisco NX-OS basic system commands that begin with U.
W Commands	Describes the Cisco NX-OS basic system commands that begin with W.

Document Conventions

Command descriptions use these conventions:

Convention	Description
boldface font	Commands and keywords are in boldface.

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<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.
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.

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

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

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Configuration Guides

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

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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.

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