



## Preface

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This preface describes the audience, organization, and conventions of the *Cisco Nexus 5000 Series Command Reference, Release 4.0*. It also provides information on how to obtain related documentation.

This chapter includes the following sections:

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## Audience

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

## Organization

This reference is organized as follows:

| Chapter                   | Title                                                               | Description                                                                                                   |
|---------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <a href="#">Chapter 1</a> | <a href="#">Cisco Nexus 5000 Series Basic System Commands</a>       | Describes the basic Cisco NX-OS system commands. These commands allow you to navigate and control the switch. |
| <a href="#">Chapter 2</a> | <a href="#">Cisco Nexus 5000 Series Ethernet Commands</a>           | Describes the Cisco NX-OS Ethernet and Virtual Ethernet commands.                                             |
| <a href="#">Chapter 4</a> | <a href="#">Cisco Nexus 5000 Series Quality of Service Commands</a> | Describes the Cisco NX-OS quality of service commands.                                                        |
| <a href="#">Chapter 5</a> | <a href="#">Cisco Nexus 5000 Series Security Commands</a>           | Describes the Cisco NX-OS security commands.                                                                  |
| <a href="#">Chapter 6</a> | <a href="#">Cisco Nexus 5000 Series System Management Commands</a>  | Describes the Cisco NX-OS system management commands.                                                         |

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| Chapter                   | Title                                                               | Description                                                                 |
|---------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <a href="#">Chapter 7</a> | <a href="#">Cisco Nexus 5000 Series Fibre Channel Commands</a>      | Describes the Cisco NX-OS Fibre Channel and virtual Fibre Channel commands. |
| <a href="#">Chapter 8</a> | <a href="#">Cisco Nexus 5000 Series Fibre Channel Show Commands</a> | Describes the Cisco NX-OS Fibre Channel show commands.                      |

## 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 ]        | 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:

|                             |                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------|
| <i>screen font</i>          | 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.

## Related Documentation

Documentation for Cisco Nexus 5000 Series Switches and Cisco Nexus 2000 Series Fabric Extenders 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:

**[Send comments to nx5000-docfeedback@cisco.com](mailto:nx5000-docfeedback@cisco.com)**

## Release Notes

*Cisco Nexus 5000 Series and Cisco Nexus 2000 Series Release Notes*

*Cisco Nexus 5000 Series Switch Release Notes*

## Configuration Guides

*Cisco Nexus 5000 Series Configuration Limits for Cisco NX-OS Release 5.0(2)N1(1)*

*Cisco Nexus 5000 Series Configuration Limits for Cisco NX-OS Release 4.2(1)N1(1) and Release 4.2(1)N2(1)*

*Cisco Nexus 5000 Series NX-OS Fibre Channel over Ethernet Configuration Guide*

*Cisco Nexus 5000 Series NX-OS Layer 2 Switching Configuration Guide*

*Cisco Nexus 5000 Series NX-OS Multicast Routing Configuration Guide*

*Cisco Nexus 5000 Series NX-OS Quality of Service Configuration Guide*

*Cisco Nexus 5000 Series NX-OS SAN Switching Configuration Guide*

*Cisco Nexus 5000 Series NX-OS Security Configuration Guide*

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

*Cisco Nexus 5000 Series NX-OS Unicast Routing Configuration Guide*

*Cisco Nexus 5000 Series Switch NX-OS Software Configuration Guide*

*Cisco Nexus 5000 Series Fabric Manager Configuration Guide, Release 3.4(1a)*

*Cisco Nexus 7000 Series NX-OS Fundamentals Configuration Guide, Release 4.2*

*Cisco Nexus 2000 Series Fabric Extender Software Configuration Guide*

## Maintain and Operate Guides

*Cisco Nexus 5000 Series NX-OS Operations Guide*

## Installation and Upgrade Guides

*Cisco Nexus 5000 Series and Cisco Nexus 5500 Platform Hardware Installation Guide*

*Cisco Nexus 2000 Series Hardware Installation Guide*

*Cisco Nexus 5000 Series NX-OS Software Upgrade and Downgrade Guide, Release 4.2(1)N1(1)*

*Regulatory Compliance and Safety Information for the Cisco Nexus 5000 Series Switches and Cisco Nexus 2000 Series Fabric Extenders*

## Licensing Guide

*Cisco NX-OS Licensing Guide*

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## Command References

*Cisco Nexus 5000 Series Command Reference*

## Technical References

*Cisco Nexus 5000 Series and Cisco Nexus 2000 Series Fabric Extender MIBs Reference*

## Error and System Messages

*Cisco NX-OS System Messages Reference*

## Troubleshooting Guide

*Cisco Nexus 5000 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, at:

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

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