



Preface

This preface describes the audience, organization and conventions of the [Cisco Nexus 7000 Series NX-OS Fundamentals Configuration Guide, Release 4.1](#). It also provides information on how to obtain related documentation.

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Audience

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

Document Organization

This document is organized into the following chapters:

Chapter	Description
New and Changed Information	Describes the new and changed information for the new Cisco NX-OS software releases.
Chapter 1, "Overview"	Provides an overview of the features included in the Cisco NX-OS software.
Chapter 2, "Using the Cisco NX-OS Setup Utility"	Provides a flowchart for setting up the Cisco NX-OS software.
Chapter 3, "Understanding the Command Line Interface"	Describes the command line interface including command modes, special characters, and keystrokes.

Chapter	Description
Chapter 4, "Configuring Terminal Settings and Sessions"	Describes how to manage the terminal settings and sessions on a Cisco NX-OS device.
Chapter 5, "Basic Device Management"	Describes basic system management, including setting the clock and configuring a message of the day.
Chapter 6, "Using the Device File Systems, Directories, and Files"	Describes how to configure and manage file systems, directories, and files on an Cisco NX-OS device.
Chapter 7, "Working with Configuration Files"	Describes the configuration files and how to manage them.

Document Conventions

Command descriptions use the following conventions:

Convention	Description
bold	Bold text indicates the commands and keywords that you enter literally as shown.
<i>Italic</i>	Italic text indicates arguments for which the user supplies the values.
[x]	Square brackets enclose an optional element(keyword or argument).
[x y]	Square brackets enclosing keywords or arguments separated by a vertical bar indicate an optional choice.
{x y}	Braces enclosing keywords or arguments separated by a vertical bar indicate a required choice.
[x {y z}]	Nested set of square brackets or braces indicate optional or required choices within optional or required elements. Braces and a vertical bar within square brackets indicate a required choice within an optional element.
variable	Indicates a variable for which you supply values, in context where italics cannot be used.
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 the following conventions:

Convention	Description
screen font	Terminal sessions and information the switch displays are in screen font.

Convention	Description
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 for Nexus 7000 Series NX-OS Software

Cisco NX-OS documentation is available at the following URL:

http://www.cisco.com/en/US/products/ps9372/tsd_products_support_series_home.html

The documentation set for the Cisco NX-OS software includes the following documents:

Release Notes

[Cisco Nexus 7000 Series NX-OS Release Notes, Release 4.1](#)

Cisco NX-OS Configuration Guides

- [Cisco Nexus 7000 Series NX-OS Getting Started with Virtual Device Contexts, Release 4.1](#)
- [Cisco Nexus 7000 Series NX-OS Fundamentals Configuration Guide, Release 4.1](#)
- [Cisco Nexus 7000 Series NX-OS Interfaces Configuration Guide, Release 4.1](#)
- [Cisco Nexus 7000 Series NX-OS Layer 2 Switching Configuration Guide, Release 4.1](#)
- [Cisco Nexus 7000 Series NX-OS Quality of Service Configuration Guide, Release 4.1](#)
- [Cisco Nexus 7000 Series NX-OS Unicast Routing Configuration Guide, Release 4.1](#)
- [Cisco Nexus 7000 Series NX-OS Multicast Routing Configuration Guide, Release 4.1](#)
- [Cisco Nexus 7000 Series NX-OS Security Configuration Guide, Release 4.1](#)

- Cisco Nexus 7000 Series NX-OS Virtual Device Context Configuration Guide, Release 4.1
- Cisco Nexus 7000 Series NX-OS Software Upgrade and Downgrade Guide, Release 4.1
- Cisco Nexus 7000 Series NX-OS Licensing Guide, Release 4.1
- Cisco Nexus 7000 Series NX-OS High Availability and Redundancy Guide, Release 4.1
- Cisco Nexus 7000 Series NX-OS System Management Configuration Guide, Release 4.1
- Cisco Nexus 7000 Series NX-OS XML Management Interface User Guide, Release 4.1
- Cisco MDS 9000 Family and Nexus 7000 Series NX-OS System Messages Reference
- Cisco Nexus 7000 Series NX-OS MIB Quick Reference

Cisco NX-OS Command References

- Cisco Nexus 7000 Series NX-OS Command Reference Master Index, Release 4.1
- Cisco Nexus 7000 Series NX-OS Fundamentals Command Reference, Release 4.1
- Cisco Nexus 7000 Series NX-OS Interfaces Command Reference, Release 4.1
- Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference, Release 4.1
- Cisco Nexus 7000 Series NX-OS Quality of Service Command Reference, Release 4.1
- Cisco Nexus 7000 Series NX-OS Unicast Routing Command Reference, Release 4.1
- Cisco Nexus 7000 Series NX-OS Multicast Routing Command Reference, Release 4.1
- Cisco Nexus 7000 Series NX-OS Security Command Reference, Release 4.1
- Cisco Nexus 7000 Series NX-OS Virtual Device Context Command Reference, Release 4.1
- Cisco Nexus 7000 Series NX-OS System Management Command Reference, Release 4.1

Other Software Document

- Cisco Nexus 7000 Series NX-OS Troubleshooting Guide, Release 4.x

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>

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