



## Preface

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This preface describes the audience, organization and conventions of the *Cisco Nexus 7000 Series NX-OS Intelligent Traffic Director Configuration Guide*. It also provides information on how to obtain related documentation.

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- [Communications, Services, and Additional Information, on page v](#)

## Audience

This publication is for network administrators who configure and maintain Cisco Nexus devices.

## Document Conventions



**Note** As part of our constant endeavor to remodel our documents to meet our customers' requirements, we have modified the manner in which we document configuration tasks. As a result of this, you may find a deviation in the style used to describe these tasks, with the newly included sections of the document following the new format.

Command descriptions use the following conventions:

| Convention    | Description  |
|---------------|--|
| <b>bold</b>   | 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. |

| Convention      | Description   |
|-----------------|---|
| {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. |
| <i>variable</i> | 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.   |

Examples use the following conventions:

| Convention                  | Description   |
|-----------------------------|---|
| <code>screen font</code>    | Terminal sessions and information 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 for Cisco Nexus 7000 Series NX-OS Software

The entire Cisco Nexus 7000 Series NX-OS documentation set is available at the following URL:

<https://www.cisco.com/c/en/us/support/switches/nexus-7000-series-switches/series.html#~tab-documents>

## Release Notes

The release notes are available at the following URL:

[http://www.cisco.com/en/US/products/ps9402/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/ps9402/prod_release_notes_list.html)

## Configuration Guides

These guides are available at the following URL:

[http://www.cisco.com/en/US/products/ps9402/products\\_installation\\_and\\_configuration\\_guides\\_list.html](http://www.cisco.com/en/US/products/ps9402/products_installation_and_configuration_guides_list.html)

The documents in this category include:

- *Cisco Nexus 7000 Series NX-OS Configuration Examples*
- *Cisco Nexus 7000 Series NX-OS FabricPath Configuration Guide*
- *Cisco Nexus 7000 Series NX-OS Fundamentals Configuration Guide*
- *Cisco Nexus 7000 Series NX-OS Interfaces Configuration Guide*
- *Cisco Nexus 7000 Series NX-OS IP SLAs Configuration Guide*
- *Cisco Nexus 7000 Series NX-OS Layer 2 Switching Configuration Guide*
- *Cisco Nexus 7000 Series NX-OS LISP Configuration Guide*
- *Cisco Nexus 7000 Series NX-OS MPLS Configuration Guide*
- *Cisco Nexus 7000 Series NX-OS Multicast Routing Configuration Guide*
- *Cisco Nexus 7000 Series NX-OS OTV Configuration Guide*
- *Cisco Nexus 7000 Series NX-OS Quality of Service Configuration Guide*
- *Cisco Nexus 7000 Series NX-OS SAN Switching Guide*
- *Cisco Nexus 7000 Series NX-OS Security Configuration Guide*
- *Cisco Nexus 7000 Series NX-OS System Management Configuration Guide*
- *Cisco Nexus 7000 Series NX-OS Unicast Routing Configuration Guide*
- *Cisco Nexus 7000 Series NX-OS Verified Scalability Guide*
- *Cisco Nexus 7000 Series NX-OS Virtual Device Context Configuration Guide*
- *Cisco Nexus 7000 Series NX-OS Virtual Device Context Quick Start*
- *Cisco Nexus 7000 Series NX-OS OTV Quick Start Guide*
- *Cisco NX-OS FCoE Configuration Guide for Cisco Nexus 7000 and Cisco MDS 9500*
- *Cisco Nexus 2000 Series Fabric Extender Software Configuration Guide*

## Command References

These guides are available at the following URL:

[http://www.cisco.com/en/US/products/ps9402/prod\\_command\\_reference\\_list.html](http://www.cisco.com/en/US/products/ps9402/prod_command_reference_list.html)

The documents in this category include:

- *Cisco Nexus 7000 Series NX-OS Command Reference Master Index*
- *Cisco Nexus 7000 Series NX-OS FabricPath Command Reference*
- *Cisco Nexus 7000 Series NX-OS Fundamentals Command Reference*
- *Cisco Nexus 7000 Series NX-OS High Availability Command Reference*
- *Cisco Nexus 7000 Series NX-OS Interfaces Command Reference*
- *Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference*
- *Cisco Nexus 7000 Series NX-OS LISP Command Reference*
- *Cisco Nexus 7000 Series NX-OS MPLS Configuration Guide*
- *Cisco Nexus 7000 Series NX-OS Multicast Routing Command Reference*
- *Cisco Nexus 7000 Series NX-OS OTV Command Reference*
- *Cisco Nexus 7000 Series NX-OS Quality of Service Command Reference*
- *Cisco Nexus 7000 Series NX-OS SAN Switching Command Reference*
- *Cisco Nexus 7000 Series NX-OS Security Command Reference*
- *Cisco Nexus 7000 Series NX-OS System Management Command Reference*
- *Cisco Nexus 7000 Series NX-OS Unicast Routing Command Reference*
- *Cisco Nexus 7000 Series NX-OS Virtual Device Context Command Reference*
- *Cisco NX-OS FCoE Command Reference for Cisco Nexus 7000 and Cisco MDS 9500*

### **Other Software Documents**

You can locate these documents starting at the following landing page:

<https://www.cisco.com/c/en/us/support/switches/nexus-7000-series-switches/series.html#~tab-documents>

- *Cisco Nexus 7000 Series NX-OS MIB Quick Reference*
- *Cisco Nexus 7000 Series NX-OS Software Upgrade and Downgrade Guide*
- *Cisco Nexus 7000 Series NX-OS Troubleshooting Guide*
- *Cisco NX-OS Licensing Guide*
- *Cisco NX-OS System Messages Reference*
- *Cisco NX-OS Interface User Guide*

## **Documentation Feedback**

To provide technical feedback on this document, or to report an error or omission, please send your comments to: .

We appreciate your feedback.

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- To find warranty information for a specific product or product family, access [Cisco Warranty Finder](#).

### Cisco Bug Search Tool

[Cisco Bug Search Tool](#) (BST) is a web-based tool that acts as a gateway to the Cisco bug tracking system that maintains a comprehensive list of defects and vulnerabilities in Cisco products and software. BST provides you with detailed defect information about your products and software.

