



## Preface

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## 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).               |

| Convention      | Description   |
|-----------------|---|
| [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. |
| <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><code>boldface screen font</code></b> | Information you must enter is in boldface screen font.  |
| <i><code>italic screen font</code></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 3000 Series NX-OS Software

The entire Cisco NX-OS 3000 Series documentation set is available at the following URL:

[http://www.cisco.com/en/US/products/ps11541/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps11541/tsd_products_support_series_home.html)

## Release Notes

The release notes are available at the following URL:

[http://www.cisco.com/en/US/products/ps11541/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/ps11541/prod_release_notes_list.html)

## Installation and Upgrade Guides

The installation and upgrade guides are available at the following URL:

[http://www.cisco.com/en/US/products/ps11541/prod\\_installation\\_guides\\_list.html](http://www.cisco.com/en/US/products/ps11541/prod_installation_guides_list.html)

## License Information

For information about feature licenses in NX-OS, see the *Cisco NX-OS Licensing Guide*, available at the following URL: [http://www.cisco.com/en/US/docs/switches/datacenter/sw/nx-os/licensing/guide/b\\_Cisco\\_NX-OS\\_Licensing\\_Guide.html](http://www.cisco.com/en/US/docs/switches/datacenter/sw/nx-os/licensing/guide/b_Cisco_NX-OS_Licensing_Guide.html).

For the NX-OS end user agreement and copyright information, see *License and Copyright Information for Cisco NX-OS Software*, available at the following URL: [http://www.cisco.com/en/US/docs/switches/datacenter/sw/4\\_0/nx-os/license\\_agreement/nx-ossw\\_lisns.html](http://www.cisco.com/en/US/docs/switches/datacenter/sw/4_0/nx-os/license_agreement/nx-ossw_lisns.html).

## Configuration Guides

The configuration guides are available at the following URL:

[http://www.cisco.com/en/US/products/ps11541/products\\_installation\\_and\\_configuration\\_guides\\_list.html](http://www.cisco.com/en/US/products/ps11541/products_installation_and_configuration_guides_list.html)

## Programming Guides

The XML Interface User Guide and other programming guides are available at the following URL:

[http://www.cisco.com/en/US/products/ps11541/products\\_programming\\_reference\\_guides\\_list.html](http://www.cisco.com/en/US/products/ps11541/products_programming_reference_guides_list.html)

## Technical References

The technical references are available at the following URL:

[http://www.cisco.com/en/US/products/ps11541/prod\\_technical\\_reference\\_list.html](http://www.cisco.com/en/US/products/ps11541/prod_technical_reference_list.html)

## Error and System Messages

The error and system message reference guides are available at the following URL:

[http://www.cisco.com/en/US/products/ps11541/products\\_system\\_message\\_guides\\_list.html](http://www.cisco.com/en/US/products/ps11541/products_system_message_guides_list.html)

## Documentation Feedback

To provide technical feedback on this document, or to report an error or omission, please send your comments to: [ciscodfa-docfeedback@cisco.com](mailto:ciscodfa-docfeedback@cisco.com).

We appreciate your feedback.

## 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](#).

To receive new and revised Cisco technical content directly to your desktop, you can subscribe to the [What's New in Cisco Product Documentation RSS feed](#). RSS feeds are a free service.