



## Preface

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## Audience

This publication is for experienced network administrators who configure and maintain Cisco Nexus devices. This guide is for network and server administrators with the following experience and knowledge:



**Note**

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Knowledge of VMware vNetwork Distributed Switch is not required.

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- An understanding of virtualization
- An understanding of the corresponding hypervisor management software for your switch, such as VMware vSwitch, Microsoft System Center Virtual Machine Manager (SCVMM), or OpenStack

## Document Conventions

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.

Convention	Description
[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.
<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 Nexus 1000V Series NX-OS Software for VMware vSphere

This section lists the documents used with the Cisco Nexus 1000V and available on Cisco.com at the following URL:

[http://www.cisco.com/en/US/products/ps9902/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps9902/tsd_products_support_series_home.html)

## General Information

*Cisco Nexus 1000V Documentation Roadmap*

*Cisco Nexus 1000V Release Notes*

*Cisco Nexus 1000V and VMware Compatibility Information*

## Install and Upgrade

*Cisco Nexus 1000V Installation and Upgrade Guide*

## Configuration Guides

*Cisco Nexus 1000V High Availability and Redundancy Configuration Guide*

*Cisco Nexus 1000V Interface Configuration Guide*

*Cisco Nexus 1000V Layer 2 Switching Configuration Guide*

*Cisco Nexus 1000V License Configuration Guide*

*Cisco Nexus 1000V Network Segmentation Manager Configuration Guide*

*Cisco Nexus 1000V Port Profile Configuration Guide*

*Cisco Nexus 1000V Quality of Service Configuration Guide*

*Cisco Nexus 1000V REST API Plug-In Configuration Guide*

*Cisco Nexus 1000V Security Configuration Guide*

*Cisco Nexus 1000V System Management Configuration Guide*

*Cisco Nexus 1000V vCenter Plugin Configuration Guide*

*Cisco Nexus 1000V VXLAN Configuration Guide*

*Cisco Nexus 1000V VDP Configuration Guide*

*Cisco Nexus 1000V DFA Configuration Guide*

## Programming Guide

*Cisco Nexus 1000V XML API Configuration Guide*

## Reference Guides

*Cisco Nexus 1000V Command Reference*

*Cisco Nexus 1000V Resource Availability Reference*

**Troubleshooting and Alerts**

*Cisco Nexus 1000V Troubleshooting Guide*

*Cisco Nexus 1000V Password Recovery Procedure*

*Cisco NX-OS System Messages Reference*

**Cloud Services Platform Documentation**

The *Cisco Cloud Services Platform* documentation is available at [http://www.cisco.com/en/US/products/ps12752/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps12752/tsd_products_support_series_home.html).

**Virtual Security Gateway Documentation**

The *Cisco Virtual Security Gateway for Nexus 1000V Series Switch* documentation is available at [http://www.cisco.com/en/US/products/ps13095/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps13095/tsd_products_support_series_home.html).

**Virtual Wide Area Application Services (vWAAS) Documentation**

The *Virtual Wide Area Application Services* documentation is available at [http://www.cisco.com/en/US/products/ps6870/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps6870/tsd_products_support_series_home.html).

**ASA 1000V Cloud Firewall Documentation**

The *ASA 1000V Cloud Firewall* documentation is available at [http://www.cisco.com/en/US/products/ps12233/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps12233/tsd_products_support_series_home.html).

## Documentation Feedback

To provide technical feedback on this document, or to report an error or omission, please send your comments to one of the following:

- [nexus1k-docfeedback@cisco.com](mailto:nexus1k-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*, at: <http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>.

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