



Preface

The purpose of this document is to provide a reference for the commands available in the Cisco Nexus 1000V CLI including complete command syntax, command modes, command history, defaults, usage guidelines, and examples.

This preface describes the audience, organization, and conventions of the *Cisco Nexus 1000V Command Reference, Release 4.2(1)SV2(2.2)*, and how to obtain related documentation.

This chapter includes the following topics:

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Audience

This publication is for experienced users who configure and maintain the Cisco Nexus 1000V.

Organization

This reference is organized as follows:

Chapter	Description
A Commands	Describes the commands that begin with the letter A.
B Commands	Describes the commands that begin with the letter B.
C Commands	Describes the commands that begin with the letter C.
D Commands	Describes the commands that begin with the letter D.
E Commands	Describes the commands that begin with the letter E.
F Commands	Describes the commands that begin with the letter F.
G Commands	Describes the commands that begin with the letter G.
I Commands	Describes the commands that begin with the letter I.

Chapter	Description
L Commands	Describes the commands that begin with the letter L.
M Commands	Describes the commands that begin with the letter M.
N Commands	Describes the commands that begin with the letter N.
O Commands	Describes the commands that begin with the letter O.
P Commands	Describes the commands that begin with the letter P.
Q Commands	Describes the commands that begin with the letter Q.
R Commands	Describes the commands that begin with the letter R.
S Commands	Describes the commands that begin with the letter S.
Show Commands	Describes the show commands.
T Commands	Describes the commands that begin with the letter T.
U Commands	Describes the commands that begin with the letter U.
V Commands	Describes the commands that begin with the letter V.
W Commands	Describes the commands that begin with the letter W.
X Commands	Describes the commands that begin with the letter X.

Document Conventions

Command descriptions use these conventions:

Convention	Description
boldface font	Commands and keywords are in boldface.
<i>italic font</i>	Arguments for which you supply values are in italics.
{ }	Elements in braces are required choices.
[]	Elements in square brackets are optional.
x y z	Alternative, mutually exclusive elements are 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:

<code>screen font</code>	Terminal sessions and information that the switch displays are in screen font.
<code>boldface screen font</code>	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.



Tip

Means *the following information will help you solve a problem*.

Related Documentation

This section lists the documents used with the Cisco Nexus 1000 and available on [Cisco.com](http://www.cisco.com/en/US/products/ps9902/tsd_products_support_series_home.html) at the following URL:

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 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 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 vCenter Plugin Configuration Guide

Programming Guide

Cisco Nexus 1000V XML API User Guide

Reference Guides

Cisco Nexus 1000V Command Reference

Cisco Nexus 1000V MIB Quick Reference

Cisco Nexus 1000V Resource Availability Reference

Troubleshooting and

Cisco Nexus 1000V Troubleshooting Guide

Cisco Nexus 1000V Password Recovery Guide

Cisco NX-OS System Messages Reference

Virtual Services Appliance Documentation

The Cisco Nexus Virtual Services Appliance (VSA) documentation is available at

http://www.cisco.com/en/US/products/ps9902/tsd_products_support_series_home.html

Virtual Security Gateway Documentation

The Cisco Virtual Security Gateway documentation is available at

http://www.cisco.com/en/US/products/ps13095/tsd_products_support_series_home.html

Virtual Network Management Center

The Cisco Virtual Network Management Center documentation is available at

http://www.cisco.com/en/US/products/ps11213/tsd_products_support_series_home.html

Virtual Wide Area Application Services (vWAAS)

The Virtual Wide Area Application Services documentation is available at

http://www.cisco.com/en/US/products/ps6870/tsd_products_support_series_home.html

ASA 1000V Cloud Firewall

The ASA 1000V Cloud Firewall documentation is available at

http://www.cisco.com/en/US/products/ps12233/tsd_products_support_series_home.html

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/c/en/us/td/docs/general/whatsnew/whatsnew.html>.

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