



Preface

This preface describes the audience, organization, and conventions of the [Cisco Nexus 7000 Series NX-OS Layer 2 Switching Configuration Guide, Release 4.2](#)[Cisco DCNM Layer 2 Switching Configuration Guide, Release 4.2](#). It also provides information on how to obtain related documentation.

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Audience

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

Document Organization

This document is organized into the following chapters:

Chapter	Description
New and Changed Information	Provides release-specific information for each new and changed feature.
Overview of Layer 2	Provides brief descriptions of each feature.
Configuring VLANs	Provides details on configuring VLANs.
Configuring Private VLANs	Provides information on configuring private VLANs.
Configuring Rapid PVST+	Provides information on IEEE 802.1D STP and complete details for configuring Rapid PVST+.
Configuring MST	Provides complete information on configuring MST.

Chapter	Description
Configuring STP Extensions	Provides details on configuring the Cisco-proprietary STP extensions Bridge Assurance, BPDU Guard, BPDU Filtering, Loop Guard, Root Guard, and PVST Simulation.
Configuring Link-State Tracking	Provides information on configuring LST for redundancy.
Configuration Limits for Cisco NX-OS Layer 2 Switching Features	Provides information on limits for Layer 2 switching features.

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.
boldface screen font	Information you must enter is in boldface screen font.

Convention	Description
<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

Cisco DCNM documentation is available at the following URL:

http://www.cisco.com/en/US/products/ps9369/tsd_products_support_series_home.html

The documentation set for Cisco DCNM includes the following documents:

Release Notes

[Cisco DCNM Release Notes, Release 4.2](#)

DCNM Configuration Guides

[Cisco DCNM Virtual Device Context Quick Start, Release 4.2](#)

[Cisco DCNM Fundamentals Configuration Guide, Release 4.2](#)

[Cisco DCNM Interfaces Configuration Guide, Release 4.2](#)

[Cisco DCNM Layer 2 Switching Configuration Guide, Release 4.2](#)

[Cisco DCNM Security Configuration Guide, Release 4.2](#)

[Cisco DCNM Unicast Routing Configuration Guide, Release 4.2](#)

[Cisco DCNM Virtual Device Context Configuration Guide, Release 4.2](#)

Programming Guide

[Cisco DCNM Web Services API Guide, Release 4.2](#)

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>

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