Preface

This preface describes the audience, organization, and conventions of the *Cisco Nexus 7000 Series NX-OS Layer 2 Switching Configuration Guide*. It also provides information on how to obtain related documentation.

This chapter includes the following sections:

Audience

This publication is for experienced users 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	Provides brief descriptions of each feature.
Configuring Layer 2 Switching	Provides information on classical Ethernet Layer 2 switching.
Configuring VLANs	Provides details on configuring VLANs.
Configuring Private VLANs Using NX-OS	Provides information on configuring private VLANs.

Chapter	Description
Configuring Rapid PVST+ Using NX-OS	Provides information on IEEE 802.1D STP and complete details for configuring Rapid PVST+.
Configuring MST Using Cisco NX-OS	Provides complete information on configuring MST.
Configuring STP Extensions Using NX-OS	Provides details on configuring the Cisco-proprietary STP extensions Bridge Assurance, BPDU Guard, BPDU Filtering, Loop Guard, Root Guard, and PVST Simulation.
Configuration Limits for Cisco NX-OS Layer 2 Switching Features	Provides information on limits for Layer 2 switching features.

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
bold	Bold text indicates the commands and keywords that you enter literally as shown.
Italic	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.

Convention	Description
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
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.
italic screen font	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 documentation set for the Cisco Nexus 7000 Series Switches is available at the following URLs:

http://www.cisco.com/c/en/us/support/switches/nexus-7000-series-switches/tsd-products-support-series-home.html

Release Notes

The release notes are available at the following URL:

http://www.cisco.com/c/en/us/support/switches/nexus-7000-series-switches/products-release-notes-list.html

Installation and Upgrade Guides

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

http://www.cisco.com/c/en/us/support/switches/nexus-7000-series-switches/products-installation-guides-list.html

Configuration Guides

http://www.cisco.com/c/en/us/support/switches/nexus-7000-series-switches/products-installation-and-configuration-guides-list.html

Command References

The command references are available at the following URL:

http://www.cisco.com/c/en/us/support/switches/nexus-7000-series-switches/products-command-reference-list.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.

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.