



Preface

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

This chapter includes the following sections:

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Audience

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

Organization

This reference is organized as follows:

Chapter and Title	Description
Chapter 1, “Overview”	Describes an overview of the FabricPath feature.
Chapter 2, “Configuring FabricPath Switching”	Describes FabricPath encapsulation, Layer 2 IS-IS, and MAC address conversational learning. Also describes how to change timers for FabricPath and resolve switch ID conflicts.
Chapter 3, “FabricPath Interfaces”	Describes FabricPath interfaces and VLANs as well as how the feature interacts with Classical Ethernet networks and STP.
Chapter 4, “FabricPath Forwarding”	Describes how the FabricPath network uses multiple paths to forward unicast, unknown unicast, broadcast, and multicast frames.

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Chapter and Title	Description
Chapter 5, “Advanced FabricPath Features”	Describes how to configure more advanced parameters for Layer 2 IS-IS.
Appendix A, “Configuration Limits for Cisco NX-OS FabricPath”	Describes the configuration limits for FabricPath.

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]	Optional alternative keywords are grouped in brackets and 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*.

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Related Documentation

Cisco NX-OS includes the following documents:

Release Notes

Cisco Nexus 7000 Series NX-OS Release Notes, Release 5.x

NX-OS Configuration Guides

Cisco Nexus 7000 Series NX-OS Configuration Examples, Release 5.x

Configuring the Cisco Nexus 2000 Series Fabric Extender

Cisco Nexus 7000 Series NX-OS FabricPath Configuration Guide

Configuring Feature Set for FabricPath

Cisco NX-OS FCoE Configuration Guide for Cisco Nexus 7000 and Cisco MDS 9500

Cisco Nexus 7000 Series NX-OS Fundamentals Configuration Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS High Availability and Redundancy Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS Interfaces Configuration Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS Layer 2 Switching Configuration Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS LISP Configuration Guide

Cisco Nexus 7000 Series NX-OS MPLS Configuration Guide

Cisco Nexus 7000 Series NX-OS Multicast Routing Configuration Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS OTV Configuration Guide

Cisco Nexus 7000 Series OTV Quick Start Guide

Cisco Nexus 7000 Series NX-OS Quality of Service Configuration Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS SAN Switching Configuration Guide

Cisco Nexus 7000 Series NX-OS Security Configuration Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS System Management Configuration Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS Unicast Routing Configuration Guide, Release 5.x

Cisco Nexus 7000 Series NX-OS Virtual Device Context Configuration Guide, Release 4.2

Cisco Nexus 7000 Series NX-OS Virtual Device Context Quick Start, Release 5.x

NX-OS Command References

Cisco Nexus 7000 Series NX-OS Command Reference Master Index

Cisco Nexus 7000 Series NX-OS FabricPath Command Reference

Cisco NX-OS FCoE Command Reference for Cisco Nexus 7000 and Cisco MDS 9500

Cisco Nexus 7000 Series NX-OS Fundamentals Command Reference

Cisco Nexus 7000 Series NX-OS High Availability Command Reference

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Cisco Nexus 7000 Series NX-OS Interfaces Command Reference
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference
Cisco Nexus 7000 Series NX-OS LISP Command Reference
Cisco Nexus 7000 Series NX-OS MPLS Command Reference
Cisco Nexus 7000 Series NX-OS Multicast Routing Command Reference
Cisco Nexus 7000 Series NX-OS OTV Command Reference
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Cisco Nexus 7000 Series NX-OS SAN Switching Command Reference
Cisco Nexus 7000 Series NX-OS Security Command Reference
Cisco Nexus 7000 Series NX-OS System Management Command Reference
Cisco Nexus 7000 Series NX-OS Unicast Routing Command Reference
Cisco Nexus 7000 Series NX-OS Virtual Device Context Command Reference

Other Software Documents

Cisco NX-OS Licensing Guide
Cisco Nexus 7000 Series NX-OS MIB Quick Reference
Cisco Nexus 7000 Series NX-OS Software Upgrade and Downgrade Guide, Release 5.x
Cisco NX-OS System Messages Reference
Cisco Nexus 7000 Series NX-OS Troubleshooting Guide
Cisco NX-OS XML Interface User Guide

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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