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Preface

This preface describes the audience, organization, and conventions of the *Cisco Nexus 5000 Series Fabric Manager Configuration Guide*. It also provides information on how to obtain related documentation.

Audience

This guide is for experienced network administrators who are responsible for configuring and maintaining Cisco Nexus 5000 Series switches.

Organization

This guide is organized as follows:

Chapter	Title	Description
Chapter 1	Product Overview	Provides an overview of Cisco Nexus 5000 Series switches.
Chapter 2	Installing Cisco Fabric Manager	Provides a brief overview of Fabric Manager components and capabilities, and information on installation and launching the applications.
Chapter 3	Fabric Manager Server	Provides in-depth descriptions of GUI and capabilities for the Fabric Manager Server.
Chapter 4	Authentication in Fabric Manager	Describes the authentication schemes between Fabric Manager components and fabric switches.
Chapter 5	Fabric Manager Client	Provides in-depth descriptions of GUI and capabilities for the Fabric Manager Client.
Chapter 6	Device Manager	Provides in-depth descriptions of GUI and capabilities for the Device Manager.
Chapter 7	Using Cisco Fabric Services	Provides descriptions of GUI and capabilities for Cisco Fabric Services.
Chapter 8	Configuring Ethernet Interfaces	Provides descriptions of how to configure Ethernet interfaces using Fabric Manager.

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Chapter	Title	Description
Chapter 9	Configuring Virtual Interfaces	Provides descriptions of how to configure virtual interfaces using Fabric Manager.
Chapter 10	Configuring Fibre Channel Interfaces	Provides descriptions of how to configure Fibre Channel interfaces using Fabric Manager.
Chapter 11	Configuring Domain Parameters	Provides descriptions of how to configure Fibre Channel domains using Fabric Manager.
Chapter 12	Configuring N-Port Virtualization	Explains how to configure NPV devices to reduce excessive Fibre Channel domain IDs in SANs.
Chapter 13	Configuring VSAN Trunking	Provides descriptions of how to configure VSAN trunks using Fabric Manager.
Chapter 14	Configuring SAN Port Channels	Explains SAN port channels and load balancing concepts and provides details on configuring SAN port channels, adding ports to SAN port channels, and deleting ports from SAN port channels.
Chapter 15	Configuring and Managing VSANs	Describes how virtual SANs (VSANs) work, explains the concept of default VSANs, isolated VSANs, VSAN IDs, and attributes, and provides details on how to create, delete, and view VSANs.
Chapter 16	Configuring and Managing Zones	Defines various zoning concepts and provides details on configuring a zone set and zone management features.
Chapter 17	Distributing Device Alias Services	Describes the use of the Distributed Device Alias Services (device alias) to distribute device alias names on a fabric-wide basis.
Chapter 18	Configuring Fibre Channel Routing Services and Protocols	Provides details and configuration information on Fibre Channel routing services and protocols.
Chapter 19	Managing FLOGI, Name Server, FDMI, and RSCN Databases	Provides name server and fabric login details required to manage storage devices and display registered state change notification (RSCN) databases.
Chapter 20	Configuring SPAN	Describes the Switched Port Analyzer (SPAN), SPAN sources, filters, SPAN sessions, SD port characteristics, and configuration details.
Chapter 21	Discovering SCSI Targets	Describes how the SCSI LUN discovery feature is started and displayed.
Chapter 14	Configuring SAN Port Channels	Explains SAN port channels and load balancing concepts and provides details on configuring SAN port channels, adding ports to SAN port channels, and deleting ports from SAN port channels.

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Chapter	Title	Description
Chapter 22	Advanced Features and Concepts	Describes the advanced configuration features, including timeout values, the fctrace tool, and interoperating with non-Cisco switches.
Chapter 23	Configuring FC-SP and DHCHAP	Describes the DHCHAP protocol, which is an FC-SP protocol to provide authentication between Cisco Nexus 5000 Series switches and other devices.
Chapter 24	Configuring Port Security	Provides details on port security features that can prevent unauthorized access to a switch port in a Cisco Nexus 5000 Series switch.
Chapter 25	Configuring Fabric Binding	Describes how to configure fabric binding capabilities using Fabric Manager.
Chapter 26	Configuring Fabric Configuration Servers	Describes how to configure fabric configuration servers using Fabric Manager.
Chapter 27	Configuring Port Tracking	Provides information about a port tracking feature that provides a faster recovery from link failures.
Chapter 28	Network Monitoring	Describes how to use Fabric Manager monitoring features.
Chapter 29	Performance Manager	Provides details on using Performance Manager.
Chapter 30	Nexus 5000 Management Software FAQ	Provides answers to frequently asked questions.
Chapter 31	Troubleshooting Your Fabric	Provides details on troubleshooting Fabric Manager.

Document Conventions

Command descriptions use these conventions:

boldface font	Commands and keywords are in boldface.
italic font	Arguments for which you supply values are in italics.
[ ]	Elements in square brackets are optional.
[**x** | **y** | **z**]	Optional alternative keywords are grouped in brackets and separated by vertical bars.

Screen examples use these conventions:

`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.

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`[ ]`	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

Documentation for Cisco Cisco Nexus 5000 Series switches is available at the following URL:

http://www.cisco.com/en/US/products/ps9670/tsd_products_support_series_home.html

The following are related Cisco Nexus 5000 Series documents:

Cisco Nexus 5000 Series Release Notes

Cisco Nexus 5000 Series CLI Software Configuration Guide, Release 4.0

Cisco Nexus 5000 Series Fabric Manager Software Configuration Guide, Release 4.0

Cisco Nexus 5000 Series System Messages Reference

Cisco Nexus 5000 Series Command Reference, Release 4.0

Cisco Nexus 5000 Series Hardware Installation Guide, Release 4.0

Cisco Nexus 5000 Series MIBs Reference, Release 4.0

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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