Preface

This preface describes the audience, organization, and conventions of the *Cisco DCNM Fundamentals 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 the Nexus family switch and Cisco MDS 9000 Family of multilayer directors and fabric switches.

Organization

This *guide* is organized as follows:

Chapter	Title	Description
Chapter 1	Introduction to Cisco Data Center Network Manager	Provides a brief overview of Cisco DCNM Fundamentals.
Chapter 2	Cisco DCNM User Roles	Provides the information about the user roles of Cisco DCNM.
Chapter 4	Cisco DCNM Web Client	Provides the features of Cisco DCNM Web Client and the major changes in the latest release.
Chapter 7	Cisco DCNM-SAN Overview	Provides a brief overview of Cisco DCNM-SAN.
Chapter 8	Configuring Cisco DCNM-SAN Server	Provides in-depth descriptions of GUI and capabilities of Cisco DCNM-SAN Server.
Chapter 9	Configuring Authentication in Cisco DCNM-SAN	Describes the authentication schemes between Cisco DCNM-SAN components and fabric switches.
Chapter 10	Configuring Cisco DCNM-SAN Client	Provides in-depth descriptions of GUI and capabilities of Cisco DCNM-SAN.
Chapter 11	Device Manager	Provides in-depth descriptions of GUI and capabilities of Device Manager.

Chapter	Title	Description
Chapter 12	Configuring Performance Manager	Provides overview of the Performance Manager architecture.
Chapter 13	Monitoring the Network	Provides details on monitoring the network.
Chapter 14	Monitoring Performance	Provides details on using Performance 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.
`[ ]`	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.

In this document, the following shortened names are used:

- Cisco Data Center Network Manager for SAN is also referred to as DCNM-SAN.
- Cisco Data Center Network Manager for LAN is also referred to as DCNM-LAN.

Related Documentation

This section contains information about the documentation available for Cisco DCNM and for the platforms that Cisco DCNM manages.

This section includes the following topics:

Cisco DCNM Documentation

The 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 10.0.x

Cisco DCNM

The following publications support both Cisco DCNM for LAN and DCNM for SAN, and address the new licensing model, the new installation process, and the new features of Cisco DCNM:

- Cisco DCNM Fundamentals Guide, Release 10.0.x
- Cisco DCNM Installation Guide, Release 10.0.x

Cisco DCNM for SAN Configuration Guides

System Management Configuration Guide, Cisco DCNM for SAN

Interfaces Configuration Guide, Cisco DCNM for SAN

Fabric Configuration Guide, Cisco DCNM for SAN

Quality of Service Configuration Guide, Cisco DCNM for SAN

Security Configuration Guide, Cisco DCNM for SAN

IP Services Configuration Guide, Cisco DCNM for SAN

Intelligent Storage Services Configuration Guide, Cisco DCNM for SAN

High Availability and Redundancy Configuration Guide, Cisco DCNM for SAN

Inter-VSAN Routing Configuration Guide, Cisco DCNM for SAN

SMI-S and Web Services Programming Guide, Cisco DCNM for SAN

Cisco Nexus 1000V Series Switch Documentation

The Cisco Nexus 1000V Series switch documentation is available at the following URL:

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

Cisco Nexus 2000 Series Fabric Extender Documentation

The Cisco Nexus 2000 Series Fabric Extender documentation is available at the following URL:

http://www.cisco.com/en/US/products/ps10110/tsd_products_support_series_home.html

Cisco Nexus 3000 Series Switch Documentation

The Cisco Nexus 3000 Series switch documentation is available at the followingURL:

http://www.cisco.com/en/US/products/ps11541/tsd_products_support_series_home.html

Cisco Nexus 4000 Series Switch Documentation

The Cisco Nexus 4000 Series switch documentation is available at the following URL:

http://www.cisco.com/en/US/products/ps10596/tsd_products_support_series_home.html

Cisco Nexus 5000 Series Switch Documentation

The Cisco Nexus 5000 Series switch documentation is available at the following URL:

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

Cisco Nexus 7000 Series Switch Documentation

The Cisco Nexus 7000 Series switch documentation is available at the following URL:

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

Additional Related Documentation for Cisco MDS 9000

The documentation set for the Cisco MDS 9000 Family includes the following documents. To find a document online, use the Cisco MDS NX-OS Documentation Locator at:

http://www.cisco.com/en/US/docs/storage/san_switches/mds9000/roadmaps/doclocater.htm

Release Notes

- Cisco MDS 9000 Family Release Notes for Cisco MDS NX-OS Releases
- Cisco MDS 9000 Family Release Notes for MDS SAN-OS Releases
- Cisco MDS 9000 Family Release Notes for Cisco MDS 9000 EPLD Images

Regulatory Compliance and Safety Information

- Regulatory Compliance and Safety Information for the Cisco MDS 9000 Family

Compatibility Information

- Cisco Data Center Interoperability Support Matrix
- Cisco MDS 9000 NX-OS Hardware and Software Compatibility Information and Feature Lists
- Cisco MDS 9000 Family Switch-to-Switch Interoperability Configuration Guide

Hardware Installation

- Cisco MDS 9500 Series Hardware Installation Guide
- Cisco MDS 9200 Series Hardware Installation Guide
- Cisco MDS 9100 Series Hardware Installation Guide
- Cisco MDS 9124 and Cisco MDS 9134 Multilayer Fabric Switch Quick Start Guide

Software Installation and Upgrade

- Cisco MDS 9000 NX-OS Software Upgrade and Downgrade Guide

Cisco NX-OS

- Cisco MDS 9000 Family NX-OS Licensing Guide
- Cisco MDS 9000 Family NX-OS Fundamentals Configuration Guide
- Cisco MDS 9000 Family NX-OS System Management Configuration Guide
- Cisco MDS 9000 Family NX-OS Interfaces Configuration Guide
- Cisco MDS 9000 Family NX-OS Fabric Configuration Guide
- Cisco MDS 9000 Family NX-OS Quality of Service Configuration Guide
- Cisco MDS 9000 Family NX-OS Security Configuration Guide
- Cisco MDS 9000 Family NX-OS IP Services Configuration Guide
- Cisco MDS 9000 Family NX-OS Intelligent Storage Services Configuration Guide
- Cisco MDS 9000 Family NX-OS High Availability and Redundancy Configuration Guide

- Cisco MDS 9000 Family NX-OS Inter-VSAN Routing Configuration Guide
- Cisco MDS 9000 Family Cookbook for Cisco MDS SAN-OS

Command-Line Interface

- Cisco MDS 9000 Family Command Reference

Intelligent Storage Networking Services Configuration Guides

- Cisco MDS 9000 Family I/O Acceleration Configuration Guide
- Cisco MDS 9000 Family SANTap Deployment Guide
- Cisco MDS 9000 Family Data Mobility Manager Configuration Guide
- Cisco MDS 9000 Family Storage Media Encryption Configuration Guide

Troubleshooting and Reference

- Cisco MDS 9000 Family and Nexus 7000 Series System Messages Reference
- Cisco MDS 9000 Family SAN-OS Troubleshooting Guide
- Cisco MDS 9000 Family NX-OS MIB Quick Reference
- Cisco DCNM for SAN Database Schema Reference

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

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS version 2.0.