



## Preface

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This preface describes the audience, organization, and conventions of the *Cisco MDS 9000 Family Hardware and Software Compatibility Matrix and Feature Lists*. The preface also provides information on how to obtain related documentation.

## Audience

This guide is for system administrators who are responsible for managing Cisco MDS 9000 Family switches and storage subsystems.

## Organization

This document is organized as follows:

| Chapter   | Title  | Description   |
|-----------|--|---|
| Chapter 1 | <a href="#">Cisco MDS 9000 Family Hardware and Software Compatibility Matrix</a> | Lists the versions of Cisco MDS SAN-OS software that are supported on Cisco MDS 9000 Family switches and switch components. |
| Chapter 2 | <a href="#">Cisco MDS NX-OS Release 5.x Feature Lists</a>                        | Describes the new features that are included in the 5.x NX-OS release.  |
| Chapter 3 | <a href="#">Cisco MDS NX-OS Release 4.x Feature Lists</a>                        | Describes the new features that are included in the 4.x NX-OS release.  |
| Chapter 4 | <a href="#">Cisco MDS SAN-OS Release 3.x Feature Lists</a>                       | Describes the new features that are included in the 3.x SAN-OS release.   |
| Chapter 5 | <a href="#">Cisco MDS SAN-OS Release 2.x Feature List</a>                        | Describes the new features that are included in the 2.x SAN-OS release.   |
| Chapter 6 | <a href="#">Cisco MDS SAN-OS Release 1.x Feature Lists</a>                       | Describes the new features that are included in the 1.x SAN-OS release.   |

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## Document Conventions

Command descriptions use these conventions:

|                      |   |
|----------------------|---|
| <b>boldface font</b> | Commands and keywords are in boldface.  |
| <i>italic font</i>   | 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.                                 |
| <b>boldface screen font</b> | Information you must enter is in boldface screen font.  |
| <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

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/doclocator.htm](http://www.cisco.com/en/US/docs/storage/san_switches/mds9000/roadmaps/doclocator.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 Storage Services Interface Images*
- *Cisco MDS 9000 Family Release Notes for Cisco MDS 9000 EPLD Images*

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- *Release Notes for Cisco MDS 9000 Family Fabric Manager*

## 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 NX-OS Release Compatibility Matrix for Storage Service Interface Images*
- *Cisco MDS 9000 Family Switch-to-Switch Interoperability Configuration Guide*
- *Cisco MDS NX-OS Release Compatibility Matrix for IBM SAN Volume Controller Software for Cisco MDS 9000*
- *Cisco MDS SAN-OS Release Compatibility Matrix for VERITAS Storage Foundation for Networks Software*

## 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 Family Storage Services Interface Image Install and Upgrade Guide*
- *Cisco MDS 9000 Family Storage Services Module Software Installation and Upgrade Guide*
- *Cisco MDS 9000 NX-OS Release 4.1(x) and SAN-OS 3(x) Software Upgrade and Downgrade Guide*

## Cisco NX-OS

- *Cisco NX-OS Fundamentals Configuration Guide*
- *Cisco NX-OS Family Licensing 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*

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- *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 Fabric Manager

- *Cisco DCNM Fundamentals Guide*
- *Cisco DCNM Installation and Licensing Guide*
- *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*

## Command-Line Interface

- *Cisco MDS 9000 Family Command Reference*

## Intelligent Storage Networking Services Configuration Guides

- *Cisco MDS 9000 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*
- *Cisco MDS 9000 Family Secure Erase Configuration Guide*
- *Cisco MDS 9000 Family Cookbook for Cisco MDS SAN-OS*

## Troubleshooting and Reference

- *Cisco NX-OS System Messages Reference*
- *Cisco MDS 9000 Family NX-OS Troubleshooting Guide*
- *Cisco MDS 9000 Family NX-OS MIB Quick Reference*
- *Cisco MDS 9000 Family NX-OS SMI-S Programming Reference*
- *Cisco MDS 9000 Family Fabric Manager Server Database Schema*

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## 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.

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