



Preface

This preface describes the audience, organization, and conventions of the *Cisco MDS 9000 Family NX-OS Fundamentals Configuration Guide*. It also provides information on how to obtain related documentation.

- [Audience, on page i](#)
- [Document Conventions, on page i](#)
- [Related Documentation, on page ii](#)
- [Communications, Services, and Additional Information, on page iv](#)

Audience

This guide is for experienced network administrators who are responsible for configuring and maintaining the Cisco MDS 9000 Family of multilayer directors and fabric switches.

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.
<i>Italic</i>	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.

Convention	Description
{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.
<i>variable</i>	Indicates a variable for which you supply values, in context where italics cannot be used.
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
<code>screen font</code>	Terminal sessions and information the switch displays are in screen font.
boldface screen font	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 Series 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

Cisco DCNM documentation is available at the following URL:

http://www.cisco.com/en/US/products/ps9369/tsd_products_support_series_home.html

Release Notes

- *Cisco MDS 9000 Series Release Notes for Cisco MDS NX-OS Releases*
- *Cisco MDS 9000 Series Release Notes for MDS SAN-OS Releases*
- *Cisco MDS 9000 Series Release Notes for Storage Services Interface Images*
- *Cisco MDS 9000 Series Release Notes for Cisco MDS 9000 EPLD Images*
- *Cisco Data Center Network Manager Release Notes*

Regulatory Compliance and Safety Information

Regulatory Compliance and Safety Information for the Cisco MDS 9000 Series

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 Series Switch-to-Switch Interoperability Configuration Guide*
- *Cisco MDS NX-OS Release Compatibility Matrix for IBM SAN Volume Controller Software for Cisco MDS 9000*

Hardware Installation

- *Cisco MDS 9700 Director Hardware Installation Guide*
- *Cisco MDS 9500 Series Hardware Installation Guide*
- *Cisco MDS 9250i Multiservice Switch Hardware Installation Guide*
- *Cisco MDS 9200 Series Hardware Installation Guide*

Software Installation and Upgrade

- *Cisco MDS 9000 Series Storage Services Interface Image Install and Upgrade Guide*
- *Cisco MDS 9000 Series 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 MDS 9000 Series NX-OS Fundamentals Configuration Guide*
- *Cisco MDS 9000 Series NX-OS Licensing Guide*
- *Cisco MDS 9000 Series NX-OS System Management Configuration Guide*
- *Cisco MDS 9000 Series NX-OS Interfaces Configuration Guide*

- *Cisco MDS 9000 Series NX-OS Fabric Configuration Guide*
- *Cisco MDS 9000 Series NX-OS Quality of Service Configuration Guide*
- *Cisco MDS 9000 Series NX-OS Security Configuration Guide*
- *Cisco MDS 9000 Series NX-OS IP Services Configuration Guide*
- *Cisco MDS 9000 Series NX-OS Intelligent Storage Services Configuration Guide*
- *Cisco MDS 9000 Series NX-OS High Availability and Redundancy Configuration Guide*
- *Cisco MDS 9000 Series NX-OS Inter-VSAN Routing Configuration Guide*

Command-Line Interface

Cisco MDS 9000 Series Command Reference

Intelligent Storage Networking Services Configuration Guides

- *Cisco MDS 9000 I/O Acceleration Configuration Guide*
- *Cisco MDS 9000 Series SANTap Deployment Guide*
- *Cisco MDS 9000 Series Data Mobility Manager Configuration Guide*
- *Cisco MDS 9000 Series Storage Media Encryption Configuration Guide*
- *Cisco MDS 9000 Series Secure Erase Configuration Guide*
- *Cisco MDS 9000 Series Cookbook for Cisco MDS SAN-OS*

Troubleshooting and Reference

- *Cisco NX-OS System Messages Reference*
- *Cisco MDS 9000 Series NX-OS Troubleshooting Guide*
- *Cisco MDS 9000 Series NX-OS MIB Quick Reference*
- *Cisco MDS 9000 Series NX-OS SMI-S Programming Reference*
- *Cisco DCNM for SAN Database Schema Reference*

Communications, Services, and Additional Information

- To receive timely, relevant information from Cisco, sign up at [Cisco Profile Manager](#).
- To get the business impact you're looking for with the technologies that matter, visit [Cisco Services](#).
- To submit a service request, visit [Cisco Support](#).
- To discover and browse secure, validated enterprise-class apps, products, solutions and services, visit [Cisco Marketplace](#).
- To obtain general networking, training, and certification titles, visit [Cisco Press](#).

- To find warranty information for a specific product or product family, access [Cisco Warranty Finder](#).

Cisco Bug Search Tool

[Cisco Bug Search Tool](#) (BST) is a web-based tool that acts as a gateway to the Cisco bug tracking system that maintains a comprehensive list of defects and vulnerabilities in Cisco products and software. BST provides you with detailed defect information about your products and software.

