



## Preface

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This preface describes the audience, organization, and conventions of the Cisco Nexus 5000 Series NX-OS System Management Configuration Guide. It also provides information on how to obtain related documentation.

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## Audience

This preface describes the audience, organization, and conventions of the . It also provides information on how to obtain related documentation.

## Document Organization

This document is organized into the following chapters:

Chapter	Description
New and Changed Information	Describes the new and changed information for the Cisco Nexus 5000 Series NX-OS system management software.
System Management Overview	Provides an overview of the system management features that are used to monitor and manage the Nexus 5000 series.
Using Cisco Fabric Services	Explains the use of the Cisco Fabric Services (CFS) infrastructure to enable efficient database distribution.
Configuring User Accounts and RBAC	Describes how to create and manage users accounts and assign roles that limit access to operations.

Chapter	Description
Configuring Session Manager	Describes how to configure Session Manager to implement your configuration changes in batch mode.
Configuring Online Diagnostics	Describes how to configure the generic online diagnostics (GOLD) feature to provide verification of hardware components during switch bootup or reset, and to monitor the health of the Nexus 5000 series.
Configuring System Message Logging	Describes how system message logging is configured and displayed.
Configuring Smart Call Home	Provides details on the Call Home service and includes information on Call Home, event triggers, contact information, destination profiles, and e-mail options.
Configuring SNMP	Provides details on how you can use SNMP to modify a role that was created.
Configuring RMON	Provides details on using RMONs to configure alarms and events.

## Document Conventions

Command descriptions use the following conventions:

Convention	Description
<b>bold</b>	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.
{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.
<code>variable</code>	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.

Screen examples use the following conventions:

Convention	Description
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 for Nexus 5000 Series NX-OS Software

Cisco NX-OS documentation is available at the following URL:

[http://www.cisco.com/en/US/products/ps9670/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps9670/tsd_products_support_series_home.html)

The documentation set for the Cisco Nexus 5000 Series NX-OS software includes the following documents:

### Release Notes

- *Cisco Nexus 5000 Series and Cisco Nexus 2000 Series Release Notes*
- *Cisco Nexus 5000 Series Switch Release Notes*

### Cisco Nexus 5000 Series NX-OS Configuration Guides

- *Cisco Nexus 5000 Series NX-OS Fibre Channel over Ethernet Configuration Guide*
- *Cisco Nexus 5000 Series NX-OS Layer 2 Switching Configuration Guide*
- *Cisco Nexus 5000 Series NX-OS Quality of Service Configuration Guide*
- *Cisco Nexus 5000 Series NX-OS SAN Switching Configuration Guide*
- *Cisco Nexus 5000 Series NX-OS Security Configuration Guide*

- *Cisco Nexus 5000 Series NX-OS System Management Configuration Guide*
- *Cisco Nexus 5000 Series Switch CLI Software Configuration Guide*
- *Cisco Nexus 5000 Series Fabric Manager Configuration Guide, Release 3.4(1a)*

### **Installation and Upgrade Guides**

- *Cisco Nexus 5000 Series Hardware Installation Guide*
- *Regulatory Compliance and Safety Information for the Cisco Nexus 5000 Series*

### **Cisco NX-OS Command References**

- *Cisco Nexus 5000 Series Command Reference*

### **Cisco NX-OS Technical References**

- *Cisco Nexus 5000 MIBs Reference*

### **Cisco NX-OS Error and System Messages**

- *Cisco NX-OS System Messages 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>

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