



# Preface

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## Audience

This publication is for experienced network administrators who configure and maintain Cisco Nexus Series switches.

## Document Organization

This document is organized into the following chapters:

Chapter	Description
New and Changed Information	Describes the new and changed information for the system management software.
System Management Overview	Provides an overview of the system management features that are used to monitor and manage a Cisco Nexus Series switch.
Using Cisco Fabric Services	Explains the use of the Cisco Fabric Services (CFS) infrastructure to enable efficient database distribution.
Configuring PTP	Describes how to configure the Precision Time Protocol (PTP).
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 switch.
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.
Configuring SPAN	Describes how to configure SPAN to monitor traffic into and out of a port.
Configuring ERSPAN	Describes how to configure ERSPAN to transport mirrored traffic in an IP network on Cisco NX-OS devices.

## Document Conventions

This document uses the following conventions:



**Note**

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Means *reader take note*. Notes contain helpful suggestions or references to material not covered in the manual.

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**Caution**

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Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.

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## Related Documentation for Nexus 3000 Series NX-OS Software

The entire Cisco NX-OS 3000 Series documentation set is available at the following URL:

[http://www.cisco.com/en/US/products/ps11541/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps11541/tsd_products_support_series_home.html)

The documentation set is divided into the following categories:

**Release Notes**

The release notes are available at the following URL:

[http://www.cisco.com/en/US/products/ps11541/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/ps11541/prod_release_notes_list.html)

**Installation and Upgrade Guides**

The installation and upgrade guides are available at the following URL:

[http://www.cisco.com/en/US/products/ps11541/prod\\_installation\\_guides\\_list.html](http://www.cisco.com/en/US/products/ps11541/prod_installation_guides_list.html)

**Configuration Guides**

The configuration guides are available at the following URL:

[http://www.cisco.com/en/US/products/ps11541/products\\_installation\\_and\\_configuration\\_guides\\_list.html](http://www.cisco.com/en/US/products/ps11541/products_installation_and_configuration_guides_list.html)

**Technical References**

The technical references are available at the following URL:

[http://www.cisco.com/en/US/products/ps11541/prod\\_technical\\_reference\\_list.html](http://www.cisco.com/en/US/products/ps11541/prod_technical_reference_list.html)

**Error and System Messages**

The error and system message reference guides are available at the following URL:

[http://www.cisco.com/en/US/products/ps11541/products\\_system\\_message\\_guides\\_list.html](http://www.cisco.com/en/US/products/ps11541/products_system_message_guides_list.html)

# 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.

