



Preface

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

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Audience

This guide is for experienced network administrators who are responsible for configuring and maintaining n5k switches.

Document Organization

This document is organized as follows:

Part or Chapter	Description
Overview	Presents an overview of the Cisco Nexus 5000 Series switch.
Configuration Fundamentals	Describes how to use the CLI and initial switch configuration.
LAN Switching	Describes how to configure Ethernet interfaces, VLANs, STP, EtherChannels, trunks, the MAC address table, and IGMP snooping.
Switch Security Features	Describes how to configure AAA, RADIUS, TACACS+, SSH/Telnet, and ACLs.

Part or Chapter	Description
System Management	Describes how to configure CFS, RBAC, System Message Logging, Call Home, SNMP, RMON, network management interfaces, storm control, and SPAN.
Fibre Channel over Ethernet	Describes how to configure FCoE and virtual interfaces.
Quality of Server	Describes how to configure QoS.
SAN Switching	Describes how to configure Fibre Channel interfaces and Fibre Channel capabilities including NPV, SAN port channels, zones, DDAS, FSPF, and security features.
Troubleshooting	Describes how to perform basic troubleshooting.

Document Conventions

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.
{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.

Screen 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

Documentation for Cisco Nexus 5000 Series Switches and Cisco Nexus 2000 Series Fabric Extender is available at the following URL: http://www.cisco.com/en/us/products/ps9670/tsd_products_support_series_home.html.

The following are related Cisco Nexus 5000 Series Switches and Cisco Nexus 2000 Series Fabric Extender documents:

Cisco Nexus 5000 Series Switch CLI Software Configuration Guide , Cisco NX-OS Release 4.1

Cisco Nexus 5000 Series Command Reference, Cisco NX-OS Release 4.1

Cisco Nexus 5000 Series Hardware Installation Guide

Cisco Nexus 5000 Series System Messages Reference

Cisco Nexus 5000 Series and Cisco Nexus 2000 Series Release Notes

Cisco Nexus 2000 Series Fabric Extender Software Configuration Guide, Cisco NX-OS Release 4.1

Cisco Nexus 2000 Series Fabric Extender Hardware Installation Guide

Cisco MDS 9000 and Nexus 5000 Series Fabric Manager Software Configuration Guide, Cisco Fabric Manager Release 4.1

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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