



Preface

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

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Audience

This publication is for experienced network administrators who configure and maintain Cisco Nexus 5000 Series switches and Cisco Nexus 2000 Series Fabric Extenders.

Document Organization

This document is organized into the following chapters:

Chapter	Description
New and Changed Information	Describes the new and changed information for the new Cisco NX-OS software releases.
Overview	Describes the Quality of Service features supported by the Cisco NX-OS software.
Configuring Quality of Service	Describes Quality of Service, guidelines and limitations, and information about how to configure the Quality of Service feature.

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.

Examples use the following conventions:

Convention	Description
screen font	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 for Cisco Nexus 5000 Series NX-OS Software

The entire Cisco NX-OS 5000 Series documentation set is available at the following URL:

<http://www.cisco.com/c/en/us/support/switches/nexus-5000-series-switches/tsd-products-support-series-home.html>

Release Notes

The release notes are available at the following URL:

http://www.cisco.com/en/US/products/ps9670/prod_release_notes_list.html

Configuration Guides

These guides are available at the following URL:

http://www.cisco.com/en/US/products/ps9670/products_installation_and_configuration_guides_list.html

The documents in this category include:

- *Adapter-FEX Configuration Guide*
- *Cisco Fabric Manager Configuration Guide*
- *Cisco Nexus 5000 Series NX-OS Software Configuration Guide*
- *Configuration Limits for Cisco NX-OS*
- *FabricPath Configuration Guide*
- *Fibre Channel over Ethernet Configuration Guide*
- *Layer 2 Switching Configuration Guide*
- *Multicast Routing Configuration Guide*
- *Operations Guide*
- *SAN Switching Configuration Guide*
- *Quality of Service Configuration Guide*
- *Security Configuration Guide*
- *System Management Configuration Guide*

- *Unicast Routing Configuration Guide*

Maintain and Operate Guides

Cisco Nexus 5000 Series NX-OS Operations Guides for various features are available at http://www.cisco.com/en/US/products/ps9670/prod_maintenance_guides_list.html.

Installation and Upgrade Guides

These guides are available at the following URL:

http://www.cisco.com/en/US/products/ps9670/prod_installation_guides_list.html

The documents in this category include:

- *Cisco Nexus 5000 Series Hardware Installation*
- *Software Upgrade and Downgrade Guides*
- *Regulatory Compliance and Safety Information*

Licensing Guide

The *License and Copyright Information for Cisco NX-OS Software* is available at http://www.cisco.com/en/US/docs/switches/datacenter/sw/4_0/nx-os/license_agreement/nx-ossw_lisns.html.

Command References

These guides are available at the following URL:

http://www.cisco.com/en/US/products/ps9670/prod_command_reference_list.html

The documents in this category include:

- *Command Reference Master Index*
- *Fabric Extender Command Reference*
- *FabricPath Command Reference*
- *Fibre Channel Command Reference*
- *Fundamentals Command Reference*
- *Layer 2 Interfaces Command Reference*
- *Multicast Routing Command Reference*
- *QoS Command Reference*
- *Security Command Reference*
- *System Management Command Reference*
- *TrustSec Command Reference*
- *Unicast Routing Command Reference*
- *vPC Command Reference*

Technical References

The *Cisco Nexus 5000 and Cisco Nexus 2000 MIBs Reference* is available at http://www.cisco.com/en/US/docs/switches/datacenter/nexus5000/sw/mib/reference/NX5000_MIBRef.html.

Error and System Messages

The *Nexus 5000 Series NX-OS System Message Reference* is available at http://www.cisco.com/en/US/docs/switches/datacenter/nexus5000/sw/system_messages/reference/sl_nxos_book.html.

Troubleshooting Guide

The *Cisco Nexus 5000 Series Troubleshooting Guide* is available at http://www.cisco.com/en/US/docs/switches/datacenter/nexus5000/sw/troubleshooting/guide/N5K_Troubleshooting_Guide.html.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation*, at: <http://www.cisco.com/c/en/us/td/docs/general/whatsnew/whatsnew.html>.

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