



New and Changed Information

This chapter provides release-specific information for each new and changed feature in the *Cisco Nexus 5000 Series NX-OS Quality of Service Configuration Guide*.

- [New and Changed Information, page 1](#)

New and Changed Information

This chapter provides release-specific information for each new and changed feature in the *Cisco Nexus 5000 Series NX-OS Quality of Service Configuration Guide*.

The latest version of this document is available at the following Cisco website: http://www.cisco.com/en/US/products/ps9670/products_installation_and_configuration_guides_list.html

To check for additional information about Cisco NX-OS, see the *Cisco Nexus 5000 Series NX-OS Release Notes* available at the following Cisco website:

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

This table summarizes the new and changed features documented in the *Cisco Nexus 5000 Series NX-OS Quality of Service Configuration Guide, Release 5.0(3)N1(1)*, and tells you where they are documented.

Table 1: New and Changed Quality of Service Features for Cisco NX-OS Release 5.0(3)N1(1)

Feature	Description	Changed in Release	Where to find it documented...
QoS Statistics	Added configuration information to enable QoS Statistics.	5.0(3)N1(1)	Enabling QoS Statistics
Mapping CoS Values for Layer 3 Multicast Traffic	Added configuration information to map a CoS value to an egress queue for multicast traffic.	5.0(3)N1(1)	Layer 3 Multicast Queuing
Required Layer 3 Cos Marking	Added information about the required configuration for Layer 3 Cos marking.	5.0(3)N1(1)	Required CoS Marking Configuration in Layer 3 Topologies

Feature	Description	Changed in Release	Where to find it documented...
Service Policy (Layer 3)	Added configuration information to attach a policy map to a Layer 3 interface.	5.0(3)N1(1)	Configuring a Service Policy for a Layer 3 Interface
Flowcontrol and Priority Flowcontrol	Added configuration information to configure these features on a Layer 3 interface.	5.0(3)N1(1)	Configuring Flowcontrol and Configuring Priority Flowcontrol
CoS for Untagged Frames	Added configuration information to override the CoS value for a Layer 3 interface.	5.0(3)N1(1)	Configuring Untagged Cos
Show Commands	Added updated show command output examples for this release.	5.0(3)N1(1)	Verifying QoS Configurations

This table summarizes the new and changed features documented in the *Cisco Nexus 5000 Series NX-OS Quality of Service Configuration Guide, Release 5.0(2)N1(1)*, and tells you where they are documented.

Table 2: New and Changed Quality of Service Features for Cisco NX-OS Release 5.0(2)N1(1)

Feature	Description	Changed in Release	Where to find it documented...
Configuring No-Drop Buffer Thresholds	Added configuration information about configuring no-drop buffer thresholds	5.0(2)N1(1)	Configuring QoS
Disabling Slow Port Pruning on Multicast Traffic on the Cisco Nexus 5548 Switch	Added configuration information to disable slow port pruning.	5.0(2)N1(1)	Configuring QoS
Support for match-all keyword	Added configuration information for match-all keyword	5.0(2)N1(1)	Configuring Class Maps
Support for DSCP Marking	Added configuration information to set DSCP parameters on the Cisco Nexus 5548 switch.	5.0(2)N1(1)	Configuring DSCP Marking
Support for IP Precedence Marking	Added configuration information to set IP precedence parameters on the Cisco Nexus 5548 switch.	5.0(2)N1(1)	Configuring IP Precedence Marking

Feature	Description	Changed in Release	Where to find it documented...
Predefined Policy Maps for FCoE	Added information about the four new predefined policy maps for FCoE	5.0(2)N1(1)	Configuring Policy Maps
FCoE on the Cisco Nexus 5548 switch	Added information about adding the class-foe to the qos policy maps.	5.0(2)N1(1)	Configuring Policy Maps
Enabling Virtual Output Queuing Limits for Unicast Traffic	Added configuration information to enable VOQ limits.	5.0(2)N1(1)	Configuring QoS

This table summarizes the new and changed features documented in the *Cisco Nexus 5000 Series NX-OS Quality of Service Configuration Guide, Release 4.2(1)N2(1)*, and tells you where they are documented.

Table 3: New and Changed Quality of Service Features for Cisco NX-OS Release 4.2(1)N2(1)

Feature	Description	Changed in Release	Where to find it documented...
Configuring the Queue Limit for Fabric Extenders	Added configuration information about enabling or disabling the queue limit.	4.2(1)N2(1)	Configuring QoS
Configuring the Queue Limit for a Specified Fabric Extender	Added configuration information about enabling or disabling the queue limit for a specified Fabric Extender.	4.2(1)N2(1)	Configuring QoS
Configuring the Buffer Threshold for the Cisco Nexus 2148T Fabric Extender	Added configuration information about setting or removing the buffer threshold for the Cisco Nexus 2148T Fabric Extender	4.2(1)N2(1)	Configuring QoS

Documentation Organization

As of Cisco NX-OS Release 4.1(3)N2(1), the Nexus 5000 Series configuration information is available in new feature-specific configuration guides for the following information:

- System Management
- Layer 2 Switching
- SAN Switching
- Fibre Channel over Ethernet
- Security

- Quality of Service

The information in these new guides previously existed in the *Cisco Nexus 5000 Series NX-OS Configuration Guide* which remains available on Cisco.com and should be used for all software releases prior to Cisco Nexus 5000 NX-OS Software Rel 4.1(3). Each new configuration guide addresses the features that are introduced in or are available in a particular release. Select and view the configuration guide that pertains to the software installed in your switch.

The information in the new *Cisco Nexus 5000 Series NX-OS Quality of Service Configuration Guide* previously existed in Part 6: Quality of Service of the *Cisco Nexus 5000 Series CLI Configuration Guide*.

For a complete list of Nexus 5000 Series document titles, see the list of Related Documentation in the *Preface*.