



New and Changed Information

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The following table provides an overview of the significant changes made to this configuration guide. The table does not provide an exhaustive list of all changes made to this guide or all new features in a particular release.

Feature	Description	Release	Where Documented
Secure Erase	Secure Erase is an operation to remove all the identifiable customer information on Cisco NX-OS devices in conditions of product removal due to Return Merchandise Authorization (RMA), or upgrade or replacement, or system end-of-life.	7.3(11)N1(1)	Configuring Secure Erase
Soft Reload	The Soft Reload feature provides a best effort mechanism for the switch to be gracefully brought up with minimal impact to production traffic when a process crash occurs. You can also use the soft-reload command to trigger a manual soft reload of the switch.	7.3(2)N1(1)	Soft Reload

Feature	Description	Release	Where Documented
GIR Enhancement	Starting with Cisco NX-OS Release 7.3(0)N1(1), the default mode for GIR is “isolate”. Provides support for Unplanned Maintenance, Maintenance Mode timer, Suppress FIB Pending, Adding Show commands to snapshots and dumping snapshot sections. You can use GIR to perform maintenance and software upgrade of the switches and the connected FEXs. A FEX group is added to optimize the procedure to bring up or take down the FEX.	7.3(0)N1(1)	Configuring GIR
Class-based Quality-of-Service MIB Phase 2	Starting with Cisco NX-OS Release 7.3(0)N1(1), the following cbQoS MIB tables are also supported by QoS policies: cbQoSClassMapStats, cbQoSMatchStmntStats and cbQoSQueueingStats	7.3(0)N1(1)	Class-based Quality-of-Service MIB
Performing Software Maintenance Upgrades	A software maintenance upgrade (SMU) is a package file that contains fixes for specific defects. SMUs are created to respond to immediate issues and do not include new features.	7.2(1)N1(1)	Performing Software Maintenance Upgrades
Class-based Quality-of-Service MIB	Provides the Simple Network Management Protocol (SNMP) MIB that enables retrieval of class-map and policy-map configuration and statistics.	7.1(1)N1(1)	Class-based Quality-of-Service MIB
Isolate and Maintenance Mode Enhancement	Provides the ability to gracefully eject a switch and isolate it from the network so that debugging or an upgrade can be performed. The switch is removed from the regular switching path and put into a maintenance mode. Once maintenance on the switch is complete, you can bring the switch into full operational mode.	7.1(0)N1(1)	Configuring GIR
OpenFlow	OpenFlow allows a controller to direct the forwarding functions of a switch through a secure channel.	7.0(0)N1(1)	OpenFlow

Feature	Description	Release	Where Documented
SPAN with ACL	The SPAN with ACL filtering feature allows you to filter SPAN traffic so that you can reduce bandwidth congestion.	7.0(0)N1(1)	SPAN with ACL

