



New and Changed Information

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The table below summarizes the new and changed features for this document and shows the releases in which each feature is supported. Your software release might not support all the features in this document. For the latest caveats and feature information, see the Bug Search Tool at <https://tools.cisco.com/bugsearch/> and the release notes for your software release.

Feature Name	Description	Changed in Release	Where Documented
IPv6 addressing support to configure peer-keepalive	Allows you to configure peer-keepalive link using IPv4 or IPv6 address.	8.2(1)	Configuring a vPC Keepalive Link and Messages
Configuring Slow Drain Device Detection and Congestion Avoidance	Modified the Slow Drain congestion timeout and pause timeout commands to align with the commands used in Fibre Channel.	8.2(1)	Configuring Slow Drain Device Detection and Congestion Avoidance
IP TCP MSS	The IP TCP Maximum Segment Size (MSS) feature enables a switch to set a maximum segment size for all TCP connections that originate from or terminate at a Cisco Nexus 7000 Series Switch.	8.2(1)	Configuring IP TCP MSS
Support for Layer 3 routing over vPC on Cisco Nexus M3 Series modules for IPv6 unicast traffic	Added support for Layer 3 routing over vPC on Cisco Nexus M3 Series modules for IPv6 unicast traffic.	8.2(1)	Configuring vPCs

Feature Name	Description	Changed in Release	Where Documented
Support for Layer 3 routing over vPC on Cisco Nexus M3 Series modules for IPv4 unicast traffic	Added support for Layer 3 routing over vPC on Cisco Nexus M3 Series modules for IPv4 unicast traffic.	8.1(1)	Configuring vPCs
Control Plane Independent Bit Setting	Added support for Control Plane Independent Bit setting for outgoing BFD packets.	8.0(1)	Configuring Bidirectional Forwarding Detection
Port Channels Hash Distribution	Added support for Port Channels Hash Distribution on M3 modules.	8.0(1)	Configuring Port Channels
FEC Support on Optic Modules	Added FEC support for optic modules on M3 line cards.	8.0(1)	Configuring FEC on Optic Modules
Breakout	<p>Added support for the Breakout feature on the following I/O Modules:</p> <ul style="list-style-type: none"> • Cisco Nexus 7000 M3-Series 24-port 40-Gigabit Ethernet Module • Cisco Nexus 7700 M3-Series 24-port 40-Gigabit Ethernet Module 	8.0(1)	Configuring Interfaces in Breakout Mode

Feature Name	Description	Changed in Release	Where Documented
Ethernet OAM	<p>Added support for the following modules:</p> <ul style="list-style-type: none">• M3-Series 48-Port 10 Gigabit Ethernet Module for Cisco Nexus 7000 Switches and Cisco Nexus 7700 Switches• M3-Series 24-Port 40 Gigabit Ethernet Module for Cisco Nexus 7000 Switches and Cisco Nexus 7700 Switches• M3-Series 100 Gigabit Ethernet Module for Cisco Nexus 7000 Switches	8.0(1)	Configuring Ethernet OAM

