New and Changed Information

This chapter provides release-specific information for each new and changed feature in the *Cisco Nexus 5000 Series NX-OS Fabric Extender Command Reference*. The latest version of this document is available at the following Cisco website:

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

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

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

New and Changed Information for Cisco NX-OS Releases

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New and Changed Information for Cisco NX-OS Release 5.2(1)N1(1)

There are no new or changed commands for this release.

New and Changed Information for Cisco NX-OS Release 5.1(3)N1(1)

Table 1 summarizes the new and changed features for Cisco NX-OS Release 5.1(3)N1(1) and tells you where they are documented.

Table 1 New and Changed Information for Release 5.1(3)N1(1)

Feature	Description	Where Documented
FCoE over Adapter Fabric Extender (Adapter-FEX)	This feature was introduced. The following commands were updated to include support for Adapter-FEX: • **fcoe**	fcoe
Fabric Extender hardware enhancements	The The Cisco Nexus N2248TP-E Fabric Extender was introduced. The following commands were introduced on a 2248TP-E Fabric Extender: • **hardware shared-buffer-size** • **hardware uplink-pause-no-drop** The following commands were updated: • hardware queue-limit	hardware queue-limit hardware shared-buffer-size hardware uplink-pause-no-drop

New and Changed Information for Cisco NX-OS Release 5.0(3)N2(1)

There are no new and changed features for Cisco NX-OS Release 5.0(3)N2(1).

New and Changed Information for Cisco NX-OS Release 5.0(3)N1(1)

There are no new and changed features for Cisco NX-OS Release 5.0(3)N1(1).

New and Changed Information for Cisco NX-OS Release 5.0(2)N2(1)

There are no new and changed features for Cisco NX-OS Release 5.0(2)N2(1).

New and Changed Information for Cisco NX-OS Release 5.0(2)N1(1)

Table 2 summarizes the new and changed features for Cisco NX-OS Release 5.0(2)N1(1) and tells you where they are documented.

Table 2   New and Changed Information for Release 5.0(2)N1(1)

Feature	Description	Where Documented
Bootup diagnostic level	You can control the diagnostic level of all the Fabric Extenders connected to the switch.	diagnostic bootup level
Support for Fabric Extender preprovisioning	You can preprovision a module in a chassis slot of a Cisco Nexus 2000 Series Fabric Extender.	provision slot show provision show running-config exclude-provision show startup-config exclude-provision

New and Changed Information for Cisco NX-OS Release 4.2(1)N2(1)

Table 3 summarizes the new and changed features for Cisco NX-OS Release 4.2(1)N2(1) and tells you where they are documented.

Table 3   New and Changed Information for Release 4.2(1)N2(1)

Feature	Description	Where Documented
Cisco Nexus 2000 Series Fabric Extender enhancements	The following commands were updated: • **diagnostic bootup level** The following commands were introduced: • **hardware buffer-threshold** • **hardware queue-limit**	diagnostic bootup level hardware buffer-threshold hardware queue-limit

New and Changed Information for Cisco NX-OS Release 4.2(1)N1(1)

Table 4 summarizes the new and changed features for Cisco NX-OS Release 4.2(1)N1(1) and tells you where they are documented.

Table 4   New and Changed Information for Release 4.2(1)N1(1)

Feature	Description	Where Documented
Cisco Nexus 2000 Series Fabric Extender enhancements	The following commands were introduced: • **fex queue-limit** • **type** The following commands were updated: • **pinning max-links**	fex queue-limit pinning max-links type Show Commands

New and Changed Information for Cisco NX-OS Release 4.1(3)N1(1)

Table 5 summarizes the new and changed features for Cisco NX-OS Release 4.1(3)N1(1) and tells you where they are documented.

Table 5   New and Changed Information for Release 4.1(3)N1(1)

Feature	Description	Where Documented
Cisco Nexus 2000 Series Fabric Extender enhancements	The **beacon** command was deprecated and replaced with the **locator-led** command. The following commands were introduced: • **show queuing interface**	locator-led fex show queuing interface

New and Changed Information for Cisco NX-OS Release 4.0(1a)N2(1)

Table 6 summarizes the new and changed features for Cisco NX-OS Release 4.0(1a)N2(1) and tells you where they are documented.

Table 6   New and Changed Information for Release 4.0(1a)N2(1)

Feature	Description	Where Documented
Cisco Nexus 2000 Series Fabric Extender	This feature was introduced to manage a Cisco Nexus 2000 Series Fabric Extender from a Cisco Nexus 5000 Series switch.	attach fex **beacon** description (fex) feature fex fex fex associate fex pinning redistribute logging fex pinning max-links serial switchport mode fex-fabric Show Commands