



New and Changed Information

This chapter provides release-specific information for each new and changed feature in the *Cisco Nexus 5000 Series NX-OS Layer 2 Switching Configuration Guide*.

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This chapter provides release-specific information for each new and changed feature in the *Cisco Nexus 5000 Series NX-OS Layer 2 Switching 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 Layer 2 Switching Configuration Guide, Release 5.0(2)N2(1)*, and tells you where they are documented.

Table 1: New and Changed Layer 2 Switching Features for Cisco NX-OS Release 5.0(2)N2(1)

Feature	Description	Changed in Release	Where to find it documented...
VTP client/server modes	Added configuration information about support for VTP client/server modes for VTP version 1 and version 2.	5.0(2)N2(1)	Configuring VTP
Graceful Type-1 Check	Added information describing consistency check changes and the status of VLANs on the primary and secondary	5.0(2)N2(1)	Configuring Virtual Port Channels

Feature	Description	Changed in Release	Where to find it documented...
	switches in a vPC topology.		
Per-VLAN Consistency Check	Added information describing consistency checks on a per-VLAN basis.	5.0(2)N2(1)	Configuring Virtual Port Channels
vPC Auto-Recovery	Added information about the auto-recovery feature that re-enables vPC links in various scenarios.	5.0(2)N2(1)	Configuring Virtual Port Channels
channel-group force command option	Added configuration information to force a LAN port to a channel group.	5.0(2)N2(1)	Configuring EtherChannel
Fabric Extenders	Added information to configure Fabric Extenders.	5.0(2)N2(1)	Configuring Fabric Extenders

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

Table 2: New and Changed Layer 2 Switching Features for Cisco NX-OS Release 5.0(2)N1(1)

Feature	Description	Changed in Release	Where to find it documented...
Switch Profiles	Added configuration information about switch profiles.	5.0(2)N1(1)	Configuring Switch Profiles
Port Profiles	Added configuration information about Port Profiles	5.0(2)N1(1)	Configuring Ethernet Interfaces
Pre-Provisioning	Added configuration information about pre-provisioning	5.0(2)N1(1)	Configuring Ethernet Interfaces
vPC Restore on Reload	Added configuration information to restore vPC services when a peer fails to come online.	5.0(2)N1(1)	Configuring Virtual Port Channels
Fabric Extenders	Added information to configure Fabric Extenders.	5.0(2)N1(1)	Configuring Fabric Extenders

This table summarizes the new and changed features documented in the *Cisco Nexus 5000 Series NX-OS Layer 2 Switching Configuration Guide, Release 4.2(1)N2(1)*, and tells you where they are documented.

Table 3: New and Changed Layer 2 Switching Features for Cisco NX-OS Release 4.2(1)N2(1)

Feature	Description	Changed in Release	Where to find it documented...
LACP Fast Timers	Added configuration information about LACP fast timers.	4.2(1)N2(1)	Configuring EtherChannels
Hardware Hashing for Multicast Traffic	Added configuration information about hardware hashing.	4.2(1)N2(1)	Configuring EtherChannels
Fabric Extenders	Added information to configure Fabric Extenders.	4.2(1)N2(1)	Configuring Fabric Extenders

This table summarizes the new and changed features documented in the *Cisco Nexus 5000 Series NX-OS Layer 2 Switching Configuration Guide, Release 4.2(1)N1(1)*, and tells you where they are documented.

Table 4: New and Changed Layer 2 Switching Features for Cisco NX-OS Release 4.2(1)N1(1)

Feature	Description	Changed in Release	Where to find it documented...
Error-Disabling Detection and Recovery	Added configuration information about the error-disabled state.	4.2(1)N1(1)	Configuring Ethernet Interfaces
VLAN Trunking Protocol	Added information about VTP transparent functionality.	4.2(1)N1(1)	Configuring VLANs

This table summarizes the new and changed features documented in the *Cisco Nexus 5000 Series NX-OS Layer 2 Switching Configuration Guide, Release 4.1(3)N2(1)*, and tells you where they are documented.

Table 5: New and Changed Layer 2 Switching Features for Cisco NX-OS Release 4.1(3)N2(1)

Feature	Description	Changed in Release	Where Documented
Disabling the vPC Peer Link Compatibility Check	Allows you to modify the default vPC behavior when a peer link is down.	4.1(3)N2(1)	Configuring vPC

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 Layer 2 Switching Configuration Guide* previously existed in Part 2: LAN Switching 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."