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New and Changed Information

This chapter provides release-specific information for each new and changed feature in the *Cisco Nexus 5000 Series NX-OS Virtual Port Channel 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

This section includes the following topics:

- [New and Changed Information for Cisco NX-OS Release 5.2\(1\)N1\(1\)](#), page 13
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- [New and Changed Information for Cisco NX-OS Release 5.0\(3\)N2\(1\)](#), page 14
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New and Changed Information for Cisco NX-OS Release 5.2(1)N1(1)

There are no new or changed features in 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.

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

Feature	Description	Where Documented
Virtual Port Channel (vPC) enhancements	The following commands were updated: <ul style="list-style-type: none"> delay restore inherit port-profile port-profile 	delay restore inherit port-profile port-profile
IP Address Resolution Protocol (ARP) synchronornization	The following commands were introduced: <ul style="list-style-type: none"> ip arp synchronize show ip arp vpc-statistics 	ip arp synchronize show ip arp vpc-statistics

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)

[Table 2](#) summarizes the new and changed features for Cisco NX-OS Release 5.0(3)N1(1) and tells you where they are documented.

Table 2 *New and Changed Information for Release 5.0(3)N1(1)*

Feature	Description	Where Documented
Virtual Port Channel (vPC) enhancements	The following vPC commands were introduced: <ul style="list-style-type: none"> delay restore dual-active exclude interface-vlan peer-gateway vpc bind-vrf 	delay restore dual-active exclude interface-vlan peer-gateway vpc bind-vrf

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

[Table 3](#) summarizes the new and changed features for Cisco NX-OS Release 5.0(2)N2(1) and tells you where they are documented.

Table 3 *New and Changed Information for Release 5.0(2)N2(1)*

Feature	Description	Where Documented
Support for automatic recovery of a vPC peer link and Graceful Type-1 Consistency check	You can configure the time to restore the vPC peer links, or enable the Graceful Type-1 Consistency on a vPC domain.	auto-recovery graceful consistency-check import running-config show vpc consistency-parameters

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

Table 4 summarizes the new and changed features for Cisco NX-OS Release 5.0(2)N1(1) and tells you where they are documented.

Table 4 *New and Changed Information for Release 5.0(2)N1(1)*

Feature	Description	Where Documented
Automatic recovery of a virtual port channel (vPC) peer link	You can configure the time to restore the vPC peer links.	reload restore
Support for configuration synchronization, port profile, and switch profile in a virtual port channel (vPC) domain	<p>You can enable configuration synchronization to synchronize the configuration between a switch and its peer switches.</p> <p>You can also configure a switch profile on a local and peer switch, and configure port profiles that includes a batch of repetitive interface commands to apply to a range of interfaces on the switch.</p>	abort (switch profile) buffer-delete buffer-move command (port profile) command (switch profile) commit (switch profile) config sync description (port profile) import interface import running-config inherit port-profile port-profile state enabled switch-profile sync-peers destination verify Show Commands

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

Table 5 summarizes the new and changed features for Cisco NX-OS Release 4.2(1)N1(1) and tells you where they are documented.

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Table 5 *New and Changed Information for Release 4.2(1)N1(1)*

Feature	Description	Where Documented
Support to configure Virtual Port Channel (vPC) domains	You can configure vPC domains and vPC peer links.	peer-config-check-bypass peer-keepalive role system-mac system-priority vpc Show Commands
Support to configure interfaces for Virtual Port Channel (vPC) devices	You can configure port channels to connect to the downstream switches.	vpc domain vpc peer-link Show Commands

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

[Table 6](#) summarizes the new and changed features for Cisco NX-OS Release 4.1(3)N1(1) and tells you where they are documented.

Table 6 *New and Changed Information for Release 4.1(3)N1(1)*

Feature	Description	Where Documented
Virtual Port Channel (vPC)	This feature was introduced.	F Commands Show Commands