



## New and Changed Information

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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](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](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:

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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"> <li><b>delay restore</b></li> <li><b>inherit port-profile</b></li> <li><b>port-profile</b></li> </ul>	<a href="#">delay restore</a> <a href="#">inherit port-profile</a> <a href="#">port-profile</a>
IP Address Resolution Protocol (ARP) synchornization	The following commands were introduced: <ul style="list-style-type: none"> <li><b>ip arp synchronize</b></li> <li><b>show ip arp vpc-statistics</b></li> </ul>	<a href="#">ip arp synchronize</a> <a href="#">show ip arp vpc-statistics</a>

## 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"> <li><b>delay restore</b></li> <li><b>dual-active exclude interface-vlan</b></li> <li><b>peer-gateway</b></li> <li><b>vpc bind-vrf</b></li> </ul>	<a href="#">delay restore</a> <a href="#">dual-active exclude interface-vlan</a> <a href="#">peer-gateway</a> <a href="#">vpc bind-vrf</a>

## 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.	<a href="#">auto-recovery</a> <a href="#">graceful consistency-check</a> <a href="#">import running-config</a> <a href="#">show vpc consistency-parameters</a>

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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.	<a href="#">reload restore</a>
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>	<a href="#">abort (switch profile)</a> <a href="#">buffer-delete</a> <a href="#">buffer-move</a> <a href="#">command (port profile)</a> <a href="#">command (switch profile)</a> <a href="#">commit (switch profile)</a> <a href="#">config sync</a> <a href="#">description (port profile)</a> <a href="#">import interface</a> <a href="#">import running-config</a> <a href="#">inherit port-profile</a> <a href="#">port-profile</a> <a href="#">state enabled</a> <a href="#">switch-profile</a> <a href="#">sync-peers destination</a> <a href="#">verify</a> <a href="#">Show Commands</a>

## 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.	<a href="#">peer-config-check-bypass</a> <a href="#">peer-keepalive</a> <a href="#">role</a> <a href="#">system-mac</a> <a href="#">system-priority</a> <a href="#">vpc</a> <a href="#">Show Commands</a>
Support to configure interfaces for Virtual Port Channel (vPC) devices	You can configure port channels to connect to the downstream switches.	<a href="#">vpc domain</a> <a href="#">vpc peer-link</a> <a href="#">Show Commands</a>

## 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.	<a href="#">F Commands</a> <a href="#">Show Commands</a>