



New and Changed Information

This chapter provides release-specific information for each new and changed feature in the *Cisco Nexus 3000 Series NX-OS Interfaces Command Reference*. The latest version of this document is available at the following Cisco website:

http://www.cisco.com/en/US/products/ps11541/tsd_products_support_series_home.html

To check for additional information about this Cisco NX-OS Release, see the *Cisco Nexus 3000 Series Switch Release Notes* available at the following Cisco website:

http://www.cisco.com/en/US/products/ps11541/prod_release_notes_list.html

Table 1 summarizes the new and changed features for Cisco NX-OS Release 6.x and later, and tells you where they are documented.

Table 1 *New and Changed Information for Release 6.x*

Feature	Description	Changed in Release	Where Documented
no switchport	This command gets an error message on the breakout interface.	7.0(3)I2(1)	<ul style="list-style-type: none"> no switchport
vPC	The output for this feature has changed.	7.0(3)I2(1)	<ul style="list-style-type: none"> show vpc brief
VLAN Interface Configuration	SVIs are not removed from the layer 3 interface table after running no interface vlan . Remove the VLAN itself to remove the SVI.	7.0(3)I2(1)	<ul style="list-style-type: none"> interface vlan
Interface Configuration	Unknown unicast blocked, Unknown multicast blocked, and Mac learning outputs have been removed.	7.0(3)I2(1)	<ul style="list-style-type: none"> show interface ethernet
LACP Rate	The lACP rate fast command is now only allowed with member interfaces in an admin DOWN state.	7.0(3)I2(1)	<ul style="list-style-type: none"> lACP rate fast
VXLAN Ingress Replication	This command is enhanced to display all the VXLAN network identifiers (VNIs) configured for a particular peer.	6.0(2)U5(1)	<ul style="list-style-type: none"> show nve peers
MAC-Embedded IPv6 Address	Introduced this feature	6.0(2)U4(1)	<ul style="list-style-type: none"> ipv6 nd mac-extract
DHCP Client for Switch Provisioning	Added the IPv6 option.	6.0(2)U4(1)	<ul style="list-style-type: none"> ip address dhcp

Table 1 New and Changed Information for Release 6.x (continued)

Feature	Description	Changed in Release	Where Documented
Layer 3 Interface	Introduced a command to change the sampling interval for statistics collections on interfaces and an option to display input and output rates for all interfaces.	6.0(2)U4(1)	<ul style="list-style-type: none"> load-interval show interface counters
VXLAN	Introduced this feature.	6.0(2)U3(2)	<ul style="list-style-type: none"> feature nv overlay feature vn-segment-vlan-based interface nve ingress-replication member vni show interface nve show nve interface nve show nve peers show nve vni show nve vxlan-params vn-segment vxlan udp port
DHCP Client for Switch Provisioning	Introduced this feature.	6.0(2)U3(1)	<ul style="list-style-type: none"> ip address dhcp
Downlink Delay	Introduced this feature.	6.0(2)U3(1)	<ul style="list-style-type: none"> downlink delay
Symmetric Hashing	Updated the command to include symmetric hashing.	6.0(2)U2(3)	<ul style="list-style-type: none"> port-channel load-balance ethernet
Dynamic port breakout for Cisco Nexus 3172	Added support for Cisco Nexus 3172 and introduced a new command option.	6.0(2)U2(3)	<ul style="list-style-type: none"> hardware profile portmode
Dynamic port breakout for Cisco Nexus 3132	Updated the speed command to configure 40 Gbps interface speed. Added a command to switch between QSFP ports and SFP+ ports.	6.0(2)U2(1)	<ul style="list-style-type: none"> speed (Ethernet) hardware profile front portmode
Consistency Checkers	The following consistency checkers were introduced to check for consistency and display the results: <ul style="list-style-type: none"> Port Channel Membership Consistency Checker Layer 3 Interface Consistency Checker Link State Consistency Checker 	6.0(2)U2(1)	<ul style="list-style-type: none"> show consistency-checker membership port-channels show consistency-checker l3-interface module show consistency-checker link-state module
Default interface configuration	Added the command to revert an interface to its default configuration.	6.0(2)U2(1)	<ul style="list-style-type: none"> default interface

Table 1 *New and Changed Information for Release 6.x (continued)*

Feature	Description	Changed in Release	Where Documented
IP-in-IP Tunnel Support	Updated the tunnel mode command to select the IP-in-IP tunnel mode.	6.0(2)U2(1)	<ul style="list-style-type: none"> tunnel mode
Layer 3 Interface MAC Address Configuration	Command to change the default MAC address on Layer 3 interfaces.	6.0(2)U2(1)	<ul style="list-style-type: none"> mac-address
Error-disabled Recovery	Command to disable error-disabled recovery added	6.0(2)U1(2)	<ul style="list-style-type: none"> errdisable recovery cause
Switchport Trunks	Default behavior of switchport trunkallowed vlans command changed.	6.0(2)U1(1)	<ul style="list-style-type: none"> switchport trunk allowed vlan

