



New and Changed Information

This chapter provides release-specific information for each new and changed feature in the *Cisco Nexus 3000 Series NX-OS Layer 2 Switching 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, and tells you where they are documented.

Table 1 *New and Changed Information*

Feature	Description	Changed in Release	Where Documented
Auto-negotiation	This feature cannot be configured when the speed is set as speed auto .	7.0(3)I2(1)	<ul style="list-style-type: none"> negotiate auto
Discard Counters	This command can only be executed after running attach module .	7.0(3)I2(1)	<ul style="list-style-type: none"> show ip igmp snooping
LLDP	Added new options for the lldp tlv-select and lldp tlv-set commands.	6.0(2)U4(1)	<ul style="list-style-type: none"> lldp lldp tlv-set
Storm Control Enhancements	Added shutdown and trap options as actions for storm control.	6.0(2)U3(1)	<ul style="list-style-type: none"> storm-control
MAC Move Detection Action	Introduced this feature	6.0(2)U3(1)	<ul style="list-style-type: none"> mac address-table loop-detect port-down show mac-address-table
LLDP Management TLV IP Address	Commands to specify the IP address in the management TLV.	6.0(2)U3(1)	lldp tlv-set
Consistency checkers	Commands to trigger consistency checkers on MAC addresses, stp states of interfaces in a VLAN, and members of a VLAN added.	6.0(2)U2(1)	<ul style="list-style-type: none"> show consistency-checker l2 show consistency-checker membership vlan show consistency-checker stp-state vlan
Speed non-negotiation	This feature was introduced to enable or disable auto-negotiation on 1 Gigabit ports.	5.0(3)U2(1)	negotiate auto

Table 1 *New and Changed Information (continued)*

Feature	Description	Changed in Release	Where Documented
Support for Granular Input Packet Discards Information	This feature was introduced.	5.0(3)U2(1)	show consistency-checker l2
Layer 2 interfaces	This feature was introduced. You can configure Layer 2 Ethernet interfaces, loopback interfaces, and EtherChannel interfaces.	5.0(3)U1(1)	Layer 2 Commands
VLAN Trunking Protocol (VTP)	This feature was introduced. You can configure the VTP device mode as transparent. You can also configure the VTP database file, set the password for the VTP administrative domain, or enable VTP on an interface.	5.0(3)U1(1)	feature vtp vtp (interface) vtp domain vtp file vtp mode vtp password vtp version show vtp counters show vtp interface show vtp password show vtp status