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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 System Management 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\(5\)](#), page xv
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New and Changed Information for Cisco NX-OS Release 5.2(1)N1(5)

[Table 1](#) summarizes the new and changed features for Cisco NX-OS Release 5.2(1)N1(5) and tells you where they are documented.

Table 1 *New and Changed Information for Release 5.2(1)N1(5)*

Feature	Description	Where Documented
DOM Enabling/Disabling and Monitoring	Adds the ability to enable and disable transceiver digital optical monitoring and display the status.	system ethernet dom polling show system ethernet dom polling status

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New and Changed Information for Cisco NX-OS Release 5.2(1)N1(1)

Table 2 summarizes the new and changed features for Cisco NX-OS Release 5.2(1)N1(1) and tells you where they are documented.

Table 2 *New and Changed Information for Release 5.2(1)N1(1)*

Feature	Description	Where Documented
ACL logging	Added logging capability for ACLs on the mgmt0 interface.	acllog match-log-level logging ip access-list cache
PTP	Added the following commands: <ul style="list-style-type: none"> • feature ptp • ptp announce • ptp delay request minimum interval • ptp domain • ptp priority1 • ptp priority2 • ptp source • ptp sync interval • ptp vlan • show ptp brief • show ptp clock • show ptp clocks foreign-masters-record • show ptp corrections • show ptp parent • show ptp port interface • show ptp time-property 	F Commands P Commands Show Commands
Configuration Synchronization Enhancement	Configuration synchronization improvements for deleting and restoring switch profile configuration.	switch-profile

New and Changed Information for Cisco NX-OS Release 5.1(3)N1(1)

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

Feature	Description	Where Documented
Domain Name Server (DNS) enhancements	The following commands were introduced: <ul style="list-style-type: none"> • ip dns source-interface • show ip dns source-interface 	
Simple Network Management Protocol (SNMP) enhancement	The following command was updated: <ul style="list-style-type: none"> • snmp trap link-status 	

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

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Table 4 *New and Changed Information for Release 5.0(3)N1(1)*

Feature	Description	Where Documented
Domain Name System (DNS)	<p>This feature was introduced.</p> <p>The following DNS commands were introduced:</p> <ul style="list-style-type: none"> • ip domain-list • ip domain-lookup • ip domain-name • ip host • ip name-server • show hosts 	<p>ip domain-list</p> <p>ip domain-lookup</p> <p>ip domain-name</p> <p>ip host</p> <p>ip name-server</p> <p>show hosts</p>
Simple Network Management Protocol (SNMP)	<p>Added the following SNMP commands:</p> <p>Note These commands were missing from the previous releases of the document.</p> <ul style="list-style-type: none"> • snmp-server contact • snmp-server context • snmp-server enable traps • snmp-server enable traps link • snmp-server globalEnforcePriv • snmp-server host • snmp-server location • snmp-server mib community-map • snmp-server tcp-session • snmp-server user • snmp trap link-status • show snmp user 	<p>snmp-server contact</p> <p>snmp-server context</p> <p>snmp-server enable traps</p> <p>snmp-server enable traps link</p> <p>snmp-server globalEnforcePriv</p> <p>snmp-server host</p> <p>snmp-server location</p> <p>snmp-server mib community-map</p> <p>snmp-server tcp-session</p> <p>snmp-server user</p> <p>snmp trap link-status</p> <p>show snmp context</p> <p>show snmp engineID</p> <p>show snmp group</p> <p>show snmp host</p> <p>show snmp sessions</p> <p>show snmp trap</p> <p>show snmp user</p>

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

There are no new and changed features for Cisco NX-OS Release 5.0(2)N2(1).

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

[Table 5](#) summarizes the new and changed features for Cisco NX-OS Release 5.0(2)N1(1) and tells you where they are documented.

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Table 5 *New and Changed Information for Release 5.0(2)N1(1)*

Feature	Description	Changed in Release	Where Documented
Release 5.0(2)N1(1)			
SNMP notification for VTP domain	You can enable SNMP notifications for a VTP domain.	5.0(2)N1(1)	snmp-server globalEnforcePriv

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