New and Changed Information

This chapter provides release-specific information for each new and changed feature in the *Cisco Nexus 5000 Series NX-OS Unicast Routing 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)

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 1   New and Changed Information for Release 5.2(1)N1(1)

Feature	Description	Where Documented
IPv6	This feature was introduced.	BGP A Commands
		BGP C Commands
		BGP I Commands
		BGP M Commands
		BGP R Commands
		BGP S Commands
		BGP Show Commands
		EIGRP A Commands
		EIGRP I Commands
		EIGRP Show Commands
		HSRP H Commands
		HSRP Show Commands
		Layer 3 H Commands
		Layer 3 I Commands
		RIB and FIB C Commands
		RIB and FIB H Commands
		RIB and FIB I Commands
		RIB and FIB Show Commands
		RIB and FIB T Commands
OSPFv3	This feature was introduced.	OSPF Commands

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

Table 2 summarizes the new and changed features for Cisco NX-OS Release 5.1(3)N1(1) and tells you where they are documented.

Table 2   New and Changed Information for Release 5.1(3)N1(1)

Feature	Description	Where Documented
TCP connection enhancements	The following command was added: • **ip tcp synwait-time**	ip tcp synwait-time

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

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

Feature	Description	Where Documented
Layer 3 interfaces	This feature was introduced. The following Layer 3 interface commands were introduced: • **interface ethernet (Layer 3)** • **interface loopback** • **no switchport** The following interface commands were modified to include Layer 3 support: • **interface port-channel**	interface ethernet (Layer 3) interface loopback interface port-channel no switchport
IPv4 Unicast Routing	This feature was introduced.	clear ip arp clear ip interface statistics ip address ip arp ip arp gratuitous ip arp timeout ip directed-broadcast ip local-proxy-arp ip port-unreachable ip proxy-arp ip tcp path-mtu-discovery ip unreachables routing-context vrf Show Commands

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

Feature	Description	Where Documented
Border Gateway Protocol (BGP)	This Layer 3 unicast routing feature was introduced.	A Commands B Commands C Commands E Commands F Commands I Commands L Commands M Commands N Commands P Commands R Commands S Commands Show Commands T Commands V Commands
Enhanced Interior Gateway Routing Protocol (EIGRP)	This Layer 3 unicast routing feature was introduced.	A Commands C Commands D Commands E Commands F Commands I Commands L Commands M Commands R Commands S Commands Show Commands T Commands
Hot Standby Router Protocol (HSRP)	This Layer 3 unicast routing feature was introduced.	A Commands D Commands F Commands H Commands I Commands P Commands Show Commands

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

Feature	Description	Where Documented
Object Tracking	This Layer 3 unicast routing feature was introduced.	D Commands O Commands Show Commands T Commands V Commands
Open Shortest Path First version 2 (OSPFv2)	This Layer 3 unicast routing feature was introduced.	A Commands C Commands D Commands F Commands H Commands I Commands L Commands M Commands P Commands R Commands S Commands Show Commands T Commands V Commands
Routing Information Protocol (RIP)	This Layer 3 unicast routing feature was introduced.	A Commands C Commands D Commands F Commands I Commands M Commands R Commands Show Commands T Commands

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

Feature	Description	Where Documented
Unicast Routing Information Base (RIB) and Forwarding Information Base (FIB)	This Layer 3 unicast routing feature was introduced.	C Commands H Commands I Commands Show Commands T Commands
Virtual Router Redundancy Protocol (VRRP)	This Layer 3 unicast routing feature was introduced.	A Commands C Commands F Commands P Commands S Commands Show Commands T Commands V Commands