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 Configuration Guide, Release 5.0(3)N1(1)*. The latest version of this document is available at the following Cisco website:

http://www.cisco.com/en/US/products/ps9670/products_installation_and_configuration_guides_list.html

To check for additional information about Cisco NX-OS Release 5.x, see the *Cisco Nexus 5000 Series Switch NX-OS Release Notes* available at the following Cisco website:

http://www.cisco.com/en/US/products/ps9670/prod_release_notes_list.html

Table 1 summarizes the new and changed features for the *Cisco Nexus 5000 Series NX-OS Unicast Routing Configuration Guide, Release 5.0(3)N1(1)*, and tells you where they are documented.

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

Feature	Description	Changed in Release	Where Documented
IPv4	This feature was introduced. You can configure the following Internet Protocol version 4 (IPv4) features on Cisco NX-OS switches: • IPv4 addressing • Address Resolution Protocol (ARP) • Internet Control Message Protocol (ICMP)	5.0(3)N1(1)	Chapter 1, "Configuring IPv4"
OSPFv2	This feature was introduced. You can configure the following basic and advanced Open Shortest Path First version 2 (OSPFv2) features for IPv4 networks: • OSPF instance • OSPFv2 authentication • Filter lists • Virtual links • Stub route • Route redistribution	5.0(3)N1(1)	Chapter 1, "Configuring OSPFv2"
EIGRP	This feature was introduced. You can configure the following basic and advanced Enhanced Interior Gateway Routing Protocol (EIGRP) features on Cisco NX-OS switches: • EIGRP instances • Stub routing • Summary address • EIGRP authentication • Route redistribution	5.0(3)N1(1)	Chapter 1, "Configuring EIGRP"

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

Feature	Description	Changed in Release	Where Documented
BGP	This feature was introduced. You can configure the following basic and advanced Border Gateway Protocol (BGP) features on Cisco NX-OS switches: • BGP instances • BGP peers • Ttemplates • Prefix peering • BGP authentication • Next-hop address	5.0(3)N1(1)	Chapter 1, "Configuring Basic BGP" Chapter 1, "Configuring Advanced BGP"
RIP	This feature was introduced. You can configure the following Routing Information Protocol (RIP) features on Cisco NX-OS switches: • RIPv2 authentication • Split horizon • Route filtering • Route summarization • Route redistribution • Virtualization	5.0(3)N1(1)	Chapter 1, "Configuring RIP"
Static Routing	This feature was introduced. You can configure static routing on Cisco NX-OS switches.	5.0(3)N1(1)	Chapter 1, "Configuring Static Routing"
Layer 3 Virtualization	This feature was introduced. You can configure virtual routing and forwarding (VRF) instances and VRF-lite on Cisco NX-OS switches.	5.0(3)N1(1)	Chapter 1, "Configuring Layer 3 Virtualization"
Unicast RIB and FIB	This feature was introduced. You can manage routes in the unicast Routing Information Base (RIB) and the Forwarding Information Base (FIB) on Cisco NX-OS switches.	5.0(3)N1(1)	Chapter 1, "Managing the Unicast RIB and FIB"
Route Policy Manager	This feature was introduced. You can configure the Route Policy Manager on Cisco NX-OS switches to specify the prefix lists, AS-path lists, and community lists.	5.0(3)N1(1)	Chapter 1, "Configuring Route Policy Manager"

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

Feature	Description	Changed in Release	Where Documented
HSRP	This feature was introduced. You can configure the Hot Standby Router Protocol (HSRP) on Cisco NX-OS switches.	5.0(3)N1(1)	Chapter 1, "Configuring HSRP"
VRRP	This feature was introduced. You can configure the following Virtual Router Redundancy Protocol (VRRP) on Cisco NX-OS switches: • VRRP groups • Virtual router priority • Simple text authentication • Interface state tracking	5.0(3)N1(1)	Chapter 1, "Configuring VRRP"
Object Tracking	This feature was introduced. You can configure object tracking on Cisco NX-OS switches to track specific objects on the switch, such as the interface line protocol state, IP routing, and route reachability.	5.0(3)N1(1)	Chapter 1, "Configuring Object Tracking"