



New and Changed Information

- [New and Changed Information](#), on page 1

New and Changed Information

This table summarizes the new and changed features for the *Cisco Nexus 9000 Series NX-OS Unicast Routing Configuration Guide, Release 10.2(4)M*.

Table 1: New and Changed Features

Feature	Description	Changed in Release	Where Documented
Periodic ARP refresh on MAC delete	A new command is provided to configure the periodic ARP refresh on MAC delete.	10.2(4)M	Periodic ARP Refresh on MAC Delete Guidelines and Limitations for IPv4 Configuring Periodic ARP Refresh on MAC Delete for SVIs Verifying the IPv4 Configuration
BGP Local ASN Auto-generation	A new tag argument "auto" is added for the BGP Local ASN configuration option.	10.2(3)F	Creating a BGP Instance
BGP Router ID Auto-generation	A new tag argument "auto" is added for the router id configuration option.	10.2(3)F	Creating a BGP Instance
BGP Neighbor Remote ASN Type	A new configuration option "remote-as <type>" is added for the BGP Neighbor.	10.2(3)F	Configuring BGP Peers
RIPng	Added RIP functionality for IPv6 on Cisco Nexus 9300 and 9500 series switches.	10.2(3)F	Guidelines and Limitations for RIP Configuring RIPng

Feature	Description	Changed in Release	Where Documented
DHCPv6 PD routes distribution	Added support for DHCPv6 PD routes distribution.	10.2(3)F	Configuring Redistribution
Syslog needed for excessive ip redirects	Added support for printing syslog when IP redirect messages are triggered.	10.2(3)F	Guidelines and Limitations for IPv4 Configuring IPv4 Redirect Syslog Guidelines and Limitations for IPv6 Configuring IPv6 Redirect Syslog
PBR: Default IPv4 Next Hop (Set Action)	This feature provides a mechanism to support inter-VRF routing. One of the ways to achieve inter-VRF routing is to specify the VRF where the next-hops to be resolved as part of set statement itself. This can be achieved through “set ip/ipv6 vrf next-hop” command, which is already supported in N7k.	10.2(2)F	Configuring Policy-Based Routing
OSPFv3 ESP Encryption Support in NX-OS	This feature provides support for configuring OSPFv3 encryption at router level, area level, interface level, and virtual links.	10.2(2)F	Configuring OSPFv3
BGP VRF Router-ID for IPv6 only environments	Added a third source for obtaining router-id, in case the first two sources are unavailable.	10.2(2)F	BGP VRF Router-ID for IPv6 Only Environments
BGP route-map deletion	This feature adds a mechanism to block the deletion of entire route-map that is associated with the BGP. With the route-map deletion blocked, the modifications to the route-map statement are still allowed.	10.2(2)F	Guidelines and Limitations for Basic BGP Guidelines and Limitations for Advanced BGP