New and Changed Information

This chapter provides release-specific information for each new and changed feature in the *Cisco Nexus 7000 Series NX-OS Multicast Routing Configuration Guide*. The latest version of this document is available at the following Cisco website:
http://www.cisco.com/en/US/docs/switches/datacenter/sw/5_x/nx-os/multicast/command/reference/n7k_mcr_cmd_5x.html

To check for additional information about this Cisco NX-OS Release, see the *Cisco NX-OS Release Notes* available at the following Cisco website:
http://www.cisco.com/en/US/products/ps9402/prod_release_notes_list.htmll

Table 1 summarizes the new and changed features for the *Cisco Nexus 7000 Series NX-OS Multicast Routing Configuration Guide*, and tells you where they are documented.

Table 1 New and Changed Features for Release 5.x

Feature	Description	Changed in Release	Where Documented
Configuring lookup mode to MAC and assigning a static MAC address	You can configure IGMP snooping to use the forwarding lookup mode as MAC-based, as well as assign a static MAC address.	5.2(1)	Chapter 1, “Configuring IGMP Snooping”
Configuring PIMv4 on GRE tunnel interfaces	You can configure multicast on GRE tunnel interfaces including outgoing interfaces (OIFs).	5.2(1)	Chapter 1, “Configuring PIM and PIM6”
Configuring multicast interoperation with F Series modules	You can configure multicast interoperation with F series and M series modules.	5.1(1)	Chapter 1, “Configuring Multicast Interoperation with N7K-F132-15 Modules”
Multicast routing initial holddown period	You can specify the initial holddown period for both IPv4 and IPv6 networks.	4.2(1)	Chapter 1, “Configuring PIM or PIM6 Sparse Mode”

Table 1 New and Changed Features for Release 5.x (continued)

Feature	Description	Changed in Release	Where Documented
Use a route-map policy for commands	You can specify group prefixes in a route-map policy rather than specifying them on the command line for these commands: • **ip igmp join-group** • **ip igmp static-oif** • **ip pim rp-address** • **ip pim ssm range** • **ipv6 [icmp] mld join-group** • **ipv6 [icmp] mld static-oif** • **ipv6 pim rp-address** • **ipv6 pim ssm range**	4.2(1)	Chapter 1, “Configuring IGMP” Chapter 1, “Configuring MLD” Chapter 1, “Configuring Static RPs” Chapter 1, “Configuring SSM”
Virtual Port Channel (vPC)	Cisco NX-OS software for the Nexus 7000 Series devices does not support PIM SSM or BIDR on vPC. Cisco NX-OS software fully supports PIM ASM on vPC.	4.1(4)	Chapter 1, “Virtual Port Channels and Multicast”
Virtual Port Channel (vPC)	A virtual port channel (vPC) allows a single device to use a port channel across two upstream switches.	4.1(3)	Chapter 1, “Virtual Port Channels and Multicast” Chapter 1, “Verifying the IGMP Configuration” Chapter 1, “Configuring ASM and Bidir” Chapter 1, “Guidelines and Limitations for IGMP Snooping” Chapter 1, “Displaying IGMP Snooping Statistics”
Immediate leave	Option that minimizes the leave latency of IGMPv2 or MLDv1 group memberships on a given IGMP or MLD interface because the device does not send group-specific queries.	4.1(3)	Chapter 1, “Configuring IGMP Interface Parameters” Chapter 1, “Configuring MLD Interface Parameters”