



New and Changed Information

This chapter provides release-specific information for each new and changed feature in the *Cisco Nexus 9000 Series NX-OS Multicast Routing Configuration Guide, Release 7.x*.

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New and Changed Information

This table summarizes the new and changed features for the *Cisco Nexus 9000 Series NX-OS Multicast Routing Configuration Guide, Release 7.x* and tells you where they are documented.

Table 1: New and Changed Features for Cisco NX-OS Release 7.x

Feature	Description	Changed in Release	Where Documented
IGMP snooping	Added vPC support and the ability to filter IGMP joins per VLAN for Cisco Nexus 9508 switches with the N9K-X9636C-R, N9K-X9636C-RX, and N9K-X9636Q-R line cards.	7.0(3)F3(1)	Guidelines and Limitations for IGMP Snooping Configuring IGMP Snooping Parameters per VLAN
MVR	Introduced this feature for Cisco Nexus 9508 switches with the N9K-X9636C-R, N9K-X9636C-RX, and N9K-X9636Q-R line cards.	7.0(3)F3(1)	Configuring MVR
PIM ASM and SSM	Added vPC support for Cisco Nexus 9508 switches with the N9K-X9636C-R, N9K-X9636C-RX, and N9K-X9636Q-R line cards.	7.0(3)F3(1)	Guidelines and Limitations for PIM and PIM6
IGMP snooping	Added support for Cisco Nexus 9508 switches with the N9K-X9636C-R and N9K-X9636Q-R line cards.	7.0(3)F2(1)	Guidelines and Limitations for IGMP Snooping

Feature	Description	Changed in Release	Where Documented
PIM	Added PIM ASM and SSM support for Cisco Nexus 9508 switches with the N9K-X9636C-R and N9K-X9636Q-R line cards.	7.0(3)F2(1)	Guidelines and Limitations for PIM and PIM6
Layer 3 multicast routing	Added support on FEX ports and FEX port channels for Cisco Nexus 9300-EX platform switches.	7.0(3)I7(1)	Guidelines and Limitations for Multicast
Multicast VRF-lite route leaking	Introduced this feature.	7.0(3)I7(1)	Configuring PIM and PIM6
PIM	Added support for the multicast heavy template and multicast counters for Cisco Nexus 9300-FX Series switches.	7.0(3)I7(1)	Configuring PIM and PIM6
PIM	Added Layer 3 port-channel subinterface support for PIM sparse mode for Cisco Nexus 9300-EX Series switches, Cisco Nexus 3232C and 3264Q switches, and N9K-X9732C-EX, N9K-X9736C-EX, and N9K-X97160YC-EX line cards.	7.0(3)I6(1)	Guidelines and Limitations for PIM and PIM6
PIM	Introduced multicast counters for Cisco Nexus 9300-EX Series switches.	7.0(3)I6(1)	Multicast Counters Verifying the PIM and PIM6 Configuration
PIM	Added Layer 3 port-channel subinterface support for PIM sparse mode for Cisco Nexus 9300 Series switches.	7.0(3)I5(2)	Configuring PIM and PIM6
MLD	Introduced this feature.	7.0(3)I5(1)	Configuring MLD
PIM	Added PIM6 ASM and SSM support.	7.0(3)I5(1)	Configuring PIM and PIM6
IGMP snooping	Added the ip igmp snooping report-flood and ip igmp snooping proxy-leave use-group-address commands.	7.0(3)I4(2)	Configuring IGMP Snooping Parameters per VLAN
PIM	Added PIM SSM support over vPCs.	7.0(3)I4(1)	Configuring PIM and PIM6

Feature	Description	Changed in Release	Where Documented
Multicast heavy template	Introduced this feature.	7.0(3)I3(2)	Multicast Heavy Template Enabling the Multicast Heavy and Extended Heavy Template
IGMP	Added a limitation for Cisco Nexus 9200 Series switches.	7.0(3)I3(1)	Configuring IGMP
IGMP	Added support for Source-Specific Multicast (SSM) translation.	7.0(3)I2(1)	Configuring IGMP
PIM	Added support for the Source-Specific Multicast (SSM) and bidirectional shared trees (Bidir) distribution modes.	7.0(3)I2(1)	Configuring PIM and PIM6
PIM	Added the resilient option to the ip multicast multipath command.	7.0(3)I1(1)	Configuring PIM and PIM6

