



Platform Support for Multicast Routing Features

The following table describes platform support for features that are not supported across the entire suite of Cisco Platforms. You should refer to each release's installation guide and release notes for details about the platforms supported in the initial product release.

IGMP

Return to [Configuring IGMP](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release	Platform Exceptions
IGMP	Cisco Nexus 9300-FX platform switches	7.0(3)I3(1)	None
	Cisco Nexus 9500 platform switches with -R line cards	9.2(2)	None

MLD

Return to [Configuring MLD](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release	Platform Exceptions
MLD	Cisco Nexus 9200 Series switches Cisco Nexus 9300 Series switches Cisco Nexus 9300-EX Series switches	7.0(3)I5(1)	None

PIM and PIM6

Return to [Configuring PIM and PIM6](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release	Platform Exceptions
PIM and PIM6	Cisco Nexus 9300-FX platform switches	7.0(3)I1(1)	None
PIM and PIM6 sparse mode on Layer 3 port-channel subinterfaces	Cisco Nexus 9300 Series switches	7.0(3)I5(2)	None
	Cisco Nexus 9300-EX Series switches	7.0(3)I5(2)	None
	Cisco Nexus 9500 Series switches with N9K-X9400 or N9K-X9500 line cards and/or N9K-C9504-FM, N9K-C9508-FM, and N9K-C9516-FM fabric modules	7.0(3)I7(1)	None
PIM SSM and PIM ASM	Cisco Nexus 9500 platform switches with -R line cards	7.0(3)F3(1)	None

IGMP Snooping

Return to [Configuring IGMP Snooping](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release	Platform Exceptions
IGMP Snooping	Cisco Nexus 9000 Series switches	7.0(3)I4(2)	None
IGMP Snooping with vPCs	Cisco Nexus 9508 and 9504 platform switches with N9K-X9636C-R, N9K-X9636Q-R, and N9K-X9636C-RX line cards	7.0(3)F3(1)	None

MSDP

Return to [Configuring MSDP](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release	Platform Exceptions
MSDP	Cisco Nexus 9500 platform switches with -R line cards	-	None

MVRReturn to [Configuring MVR](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release	Platform Exceptions
MVR	Cisco Nexus 9508 switches with N9K-X9636C-R, N9K-X9636C-RX, or N9K-X9636Q-R line cards	7.0(3)F3(1)	None

NLBReturn to [Configuring Microsoft Network Load Balancing \(NLB\)](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release	Platform Exceptions
NLB	Cisco Nexus 9300-EX, Cisco Nexus 9300-FX, Nexus 9300-FX2 platform switches Cisco Nexus 9500 platform switches with N9K-X9700-EX and N9K-X9700-FX line cards	9.2(1)	None

