Platform Support for Label Switching Features

This chapter defines platform support for features that are not supported across the entire suite of Cisco Platforms.

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Platform Support for Label Switching Features

The following tables list the supported platforms for each feature and the release in which they were first introduced. See the Release Notes for details about the platforms supported in the initial product release.

Static MPLS

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Feature	Supported Platform(s) or Line Cards	First Supported Release	Platform Exceptions
Adjacency statistics	Cisco Nexus 3100-V platform switches	7.0(3)F3(1)	Cisco Nexus 3000 platform switches
Static MPLS	Cisco Nexus 3000 platform switches	7.0(3)I2(1)	None

MPLS Label Imposition

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Feature	Supported Platform(s) or Line Cards	First Supported Release	Platform Exceptions
MPLS Label Imposition	Cisco Nexus 3000-XL switches	7.0(3)I5(2)	None

Segment Routing

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Feature	Supported Platform(s) or Line Cards	First Supported Release	Platform Exceptions
Adjacency SIDs on OSPFv2	Cisco Nexus 3100 Series switches	9.3(1)	None
BGP EVPN and Label Allocation Mode	Cisco Nexus 3100 Series switches	7.0(3)I6(1)	None
BGP Egress Peer Engineering	Cisco Nexus 3100 Series switches	7.0(3)I5(1)	None
BGP Link State Distribution	Cisco Nexus 3100 Series switches	7.0(3)I5(1)	None
IS-IS Segment Routing	Cisco Nexus 3172 Series switches Cisco Nexus 3132 Series switches Cisco Nexus C31128PQ-10GE Series switches Cisco Nexus N3K-C3164Q-40GE switches	7.0(3)I7(3)	None
Segment Routing	Cisco Nexus 3100 Series switches	7.0(3)I4(1)	None
Segment routing and SR-EVPN	Cisco Nexus C31108PC-V switches Cisco Nexus C31108TC-V switches Cisco Nexus C3132Q-V switches	7.0(3)I7(1)	None
Segment Routing Application (SR-APP)	Cisco Nexus 3100 Series switches	7.0(3)I7(3)	None
Segment Routing (command change from segment-routing mpls to segment-routing)	Cisco Nexus 3100 Series switches	9.3(1)	None

MPLS Segment Routing OAM

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Feature	Supported Platform(s) or Line Cards	First Supported Release	Platform Exceptions
MPLS OAM Nil FEC	Cisco Nexus 3000 platform switches	7.0(3)I6(1)	None
MPLS OAM BGP and IGP Prefix SID	Cisco Nexus 3000 platform switches	9.3(1)	None