



Platform Support for System Management 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 System Management 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.

Embedded Event Manager

For more information about the Embedded Event Manager, see [Configuring the Embedded Event Manager](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release
Event Log Auto-Collection and Backup	<ul style="list-style-type: none">• Cisco Nexus 9200 platform switches• Cisco Nexus 9300 platform switches• Cisco Nexus 9300-EX/FX/FX2/FX3/GX platform switches• Cisco Nexus 9500 platform switches with all supported line cards	Cisco NX-OS Release 9.3(5)

ERSPAN

For more information about ERSPAN, see [Configuring ERSPAN](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release
ERSPAN	Cisco Nexus N9K-X9624D-R2 Line Card	Cisco NX-OS Release 10.1(2)
ERSPAN Destination	Cisco Nexus 9300-GX platform switches	Cisco NX-OS Release 9.3(5)

Feature	Supported Platform(s) or Line Cards	First Supported Release
ERSPAN Type III Header	Cisco Nexus 9300-GX platform switches	Cisco NX-OS Release 9.3(5)

Frequency Synchronization (SyncE)

For more information about Frequency Synchronization, see [Configuring Frequency Synchronization](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release
Frequency Synchronization (SyncE)	Cisco Nexus 93180YC-FX3S	9.3(5)

LLDP

For more information about LLDP, see [Configuring LLDP](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release
LLDP Multi-Neighbor Support	Cisco Nexus C93180YC-FX3S Cisco Nexus C93180YC-FX3 Cisco Nexus C93108TC-FX3P	Cisco NX-OS Release 10.1(1)
LLDP Multi-Neighbor Support	Cisco Nexus 9200-series platform switches Cisco Nexus 9300-EX/FX/FX2/GX platform switches Cisco Nexus 9500 platform switches with -EX and -FX line cards Cisco Nexus 9504 and 9508 platform switches with the following line cards: <ul style="list-style-type: none"> • Cisco Nexus 9636C-R • Cisco Nexus 9636C-RX • Cisco Nexus 9636Q-R • Cisco Nexus 96136YC-R 	Cisco NX-OS Release 9.3(5)

Feature	Supported Platform(s) or Line Cards	First Supported Release
LLDP Support on Port-Channel Interfaces	Cisco Nexus 9200-series platform switches Cisco Nexus 9300-EX/FX/FX2/GX platform switches Cisco Nexus 9500 platform switches with -EX and -FX line cards Cisco Nexus 9504 and 9508 platform switches with the following line cards: <ul style="list-style-type: none"> • Cisco Nexus 9636C-R • Cisco Nexus 9636C-RX • Cisco Nexus 9636Q-R • Cisco Nexus 96136YC-R 	Cisco NX-OS Release 9.3(5)

NetFlow

For more information about NetFlow, see [Configuring NetFlow](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release
NetFlow	Cisco Nexus C93180YC-FX3S Cisco Nexus C93108TC-FX3P	Cisco NX-OS Release 9.3(5)
NetFlow	<ul style="list-style-type: none"> • Cisco Nexus 9300-GX platform switches 	Cisco NX-OS Release 9.3(3)
NetFlow	<ul style="list-style-type: none"> • Cisco Nexus 92348GC-X • Cisco Nexus 9500 platform switches with Cisco Nexus 9700-EX line cards and FM-E fabric modules. • Cisco Nexus 93360YC-FX2 	Cisco NX-OS Release 9.3(1)
NetFlow	<ul style="list-style-type: none"> • Cisco Nexus 9300-EX and 9300-FX platform switches • Cisco Nexus N9K-C9336C-FX2 platform switches • Cisco Nexus N9K-C93240YC-FX2 platform switches 	
NetFlow	<ul style="list-style-type: none"> • Cisco Nexus 9500 platform switches with Cisco Nexus 9700-EX line cards 	Cisco NX-OS Release 9.2(2)

Online Diagnostics

For more information about online diagnostics, see [Configuring Online Diagnostics](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release
Bootup Diagnostic MacSecPortLoopback Test	Cisco Nexus 9736C-FX line card Cisco Nexus 97160TC-FX line card	9.3(5)

Precision Time Protocol

For more information about Precision Time Protocol (PTP), see [Configuring PTP](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release
PTPv1 Forwarding	Cisco Nexus 9300-FX/FX2 platform switches Cisco Nexus 9348GC-FXP	9.3(6)
Telecom Profile G.8275.1 and Telecom Profile G.8273.2	Cisco Nexus 93180YC-FX3S	9.3(5)

Feature	Supported Platform(s) or Line Cards	First Supported Release
PTP Notifications	Cisco Nexus 92348GC-X Cisco Nexus 93108TC-EX Cisco Nexus 93108TC-FX Cisco Nexus 9316D-GX Cisco Nexus 93180LC-EX Cisco Nexus 93180YC-EX Cisco Nexus 93180YC-FX Cisco Nexus 93180YC-FX3S Cisco Nexus 93216TC-FX2 Cisco Nexus 93240YC-FX2 Cisco Nexus 9332C Cisco Nexus 93360YC-FX2 Cisco Nexus 9336C-FX2 Cisco Nexus 9348GC-FXP Cisco Nexus 93600CD-GX Cisco Nexus 9364C Cisco Nexus 9364C-GX Cisco Nexus 9504, 9508, 9516 platform switches with the following line cards: <ul style="list-style-type: none"> • Cisco Nexus 97160YC-EX • Cisco Nexus 9732C-EX • Cisco Nexus 9732C-FX • Cisco Nexus 9736C-EX • Cisco Nexus 9736C-FX • Cisco Nexus 9788TC-FX Cisco Nexus 9504 and 9508 platform switches with the following line cards: <ul style="list-style-type: none"> • Cisco Nexus 9636C-R • Cisco Nexus 9636C-RX • Cisco Nexus 9636Q-R 	9.3(5)
Timestamp Tagging (TTAG)	Cisco Nexus 9300-FX3 and -GX platform switches	Cisco NX-OS Release 9.3(5)

Feature	Supported Platform(s) or Line Cards	First Supported Release
Timestamp Tagging (TTAG)	Cisco Nexus 9300-FX platform switches	Cisco NX-OS Release 7.0(3)I7(3)
Timestamp Tagging (TTAG)	Cisco Nexus 9300-FX2 platform switches	Cisco NX-OS Release 9.3(3)
Timestamp Tagging (TTAG)	Cisco Nexus 9500 platform switches with -EX or -FX line cards	
Timestamp Tagging (TTAG)	Cisco Nexus 9300-EX platform switches	Cisco NX-OS Release 7.0(3)I6(1)
Timestamp Tagging (TTAG)	Cisco Nexus 9364C	Cisco NX-OS Release 7.0(3)I7(2)
Timestamp Tagging (TTAG)	Cisco Nexus 9332C	Cisco NX-OS Release 9.2(3)
Timestamp Tagging (TTAG)	Cisco Nexus 9200 platform switches	Cisco NX-OS Release 7.0(3)I6(1)
PTP	Cisco Nexus 9300-GX platform switches	Cisco NX-OS Release 9.3(5)
PTP	Cisco Nexus 93360YC-FX2 Cisco Nexus 93216TC-FX2	Cisco NX-OS Release 9.3(3)
PTP	Cisco Nexus 9504-FM-R platform switches	Cisco NX-OS Release 9.2(3)

Replace

For more information about configuration replace, see [Performing Configuration Replace](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release
Config-replace - collect logs and reload when rollback 1st and 2nd try fails	All Cisco Nexus 9000 series switches	Cisco NX-OS Release 9.3(7)

sFlow

For more information about sFlow, see [Configuring sFlow](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release
sFlow	Cisco Nexus N9K-X9624D-R2 Line Card	Cisco NX-OS Release 10.1(2)
sFlow	Cisco Nexus 92348GC-X	Cisco NX-OS Release 9.3(1)
sFlow	Cisco 9500 platform switches with the Cisco Nexus 9736C-FX line card	Cisco NX-OS Release 7.0(3)I7(2)

Feature	Supported Platform(s) or Line Cards	First Supported Release
sFlow	Cisco 9500 platform switches with Cisco Nexus 9788TC-FX or 9732C-FX line cards	Cisco NX-OS Release 7.0(3)I7(3)

SPAN

For more information about SPAN, see [Configuring SPAN](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release
SPAN	Cisco Nexus N9K-X9624D-R2 Line Card	Cisco NX-OS Release 10.1(2)
VLAN Tx SPAN	<p>Cisco Nexus 9200 platform switches, Cisco Nexus 9300-EX platform switches, Cisco Nexus 9300-FX platform switches, Cisco Nexus 9300-FX2 platform switches, and Cisco Nexus 9300-GX platform switches</p> <p>Cisco Nexus 9500 platform switches with the following line cards:</p> <ul style="list-style-type: none"> • Cisco Nexus 97160YC-EX • Cisco Nexus 9732C-EX • Cisco Nexus 9732C-FX • Cisco Nexus 9736C-EX • Cisco Nexus 9736C-FX • Cisco Nexus 9736Q-FX • Cisco Nexus 9788TC-FX 	

Switch Profiles

For more information about switch profiles, see [Configuring Switch Profiles](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release
Switch Profiles	Cisco Nexus 9300 platform switches	9.3(3)

System Message Logging

For more information about switch profiles, see [Configuring System Message Logging](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release
Persistent Logging	<ul style="list-style-type: none"> • Cisco Nexus 9200 platform switches • Cisco Nexus 9300 platform switches • Cisco Nexus 9300-EX/FX/FX2/FX3/GX platform switches • Cisco Nexus 9500 platform switches with all supported line cards 	9.3(5)
Repeated Syslog Message Format	<ul style="list-style-type: none"> • Cisco Nexus 9200 platform switches • Cisco Nexus 9300 platform switches • Cisco Nexus 9300-EX/FX/FX2/FX3/GX platform switches • Cisco Nexus 9500 platform switches with all supported line cards 	9.3(5)

TAP Aggregation

For more information about TAP aggregation, see [Configuring TAP Aggregation and MPLS Stripping](#).

Feature	Supported Platform(s) or Line Cards	First Supported Release
TAP Aggregation and MPLS Stripping	<ul style="list-style-type: none"> • Cisco Nexus 9500 platform switches, including the Cisco Nexus 9700-EX and Cisco Nexus 9700-FX line cards • Cisco Nexus 9200 platform switches • Cisco Nexus 9300 platform switches 	Cisco NX-OS Release 9.2(1)