Cisco ACI Multi-Site Hardware Requirements Guide, Release 1.x

New and Changed Information 2

Revised: November 20, 2018,

New and Changed Information

The following table provides an overview of the significant changes up to this current release.

Table 1: New and Changed Information in the Cisco ACI Multi-Site Hardware Requirements Guide

Cisco ACI Multi-Site Release Version	Description
Release 1.2(2)	The same content in this document applies to release 1.2(2).
Release 1.2(1)	The same content in this document applies to release 1.2(1).
Release 1.1(2)	In this release, the Cisco Nexus 9336C-FX2 leaf switch is supported.
Release 1.1(2)	The same content in this document applies to release 1.1(2).
Release 1.1(1)	• The same content in this document applies to release 1.1(1). • In this release, the Cisco Nexus Series N9K-C9364C switch is supported as an inter-site spine switch. It was not supported with Cisco ACI Multi-Site in release 1.0(x).
Release 1.0(x)	In this release, the Cisco Nexus 9348GC-FXP leaf switch is supported.
Release 1.0(2)	The same content in this document applies to release 1.0(2).
Release 1.0(1)	This guide was released.

Hardware Requirements

Cisco ACI Multi-Site requires ACI-mode leaf switches and spine nodes from the following listing:

- Leaf switches:
  - Cisco Nexus 93120TX switches
  - Cisco Nexus 93128TX switches
  - Cisco Nexus 9332PQ switches
  - Cisco Nexus 9372 platform switches
  - Cisco Nexus 9396 platform switches
  - Cisco Nexus 9300-EX platform switches
  - Cisco Nexus 9300-FX and -FXP platform switches

  For more information, see Hardware Compatibility, on page 4.
- Spine nodes:

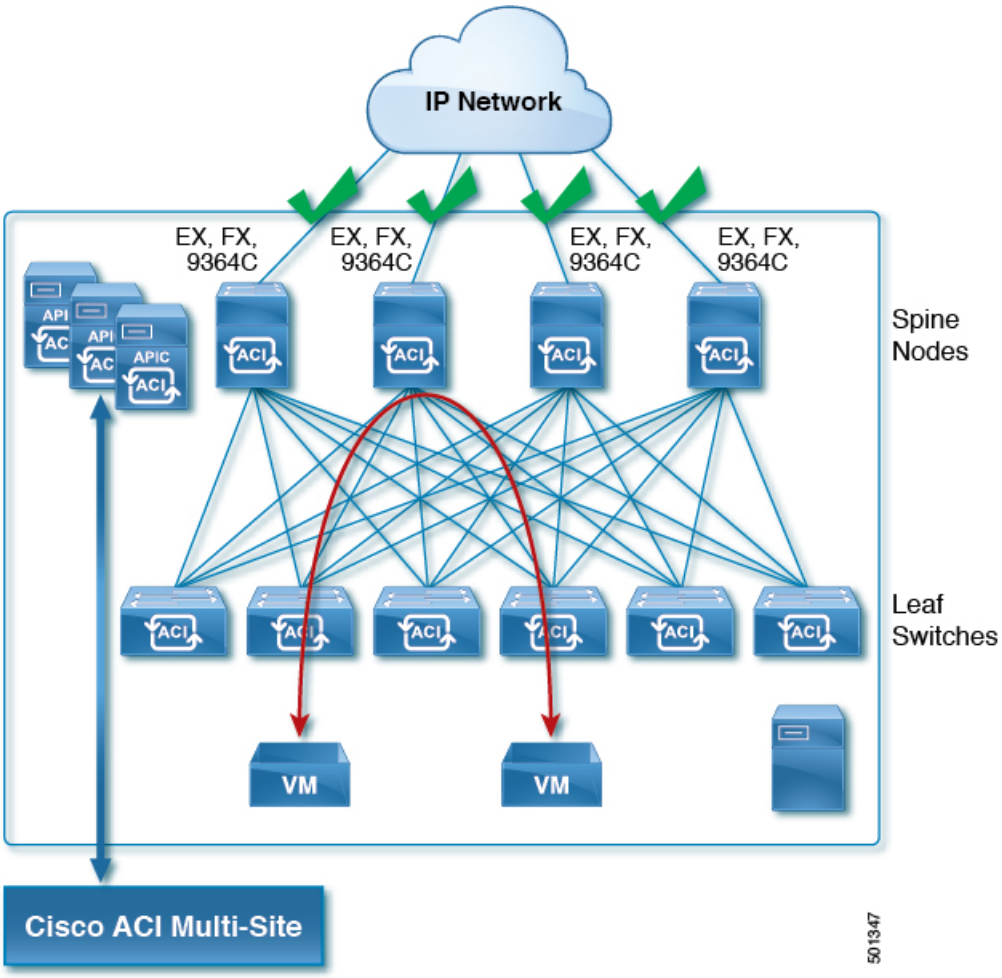
- Cisco Nexus 9364C Switches

Note Beginning with the Cisco ACI Multi-Site, Release 1.1(x), the Cisco Nexus 9364C switch is supported as an inter-site spine switch. It was not supported with Cisco ACI Multi-Site, Release 1.0(x).

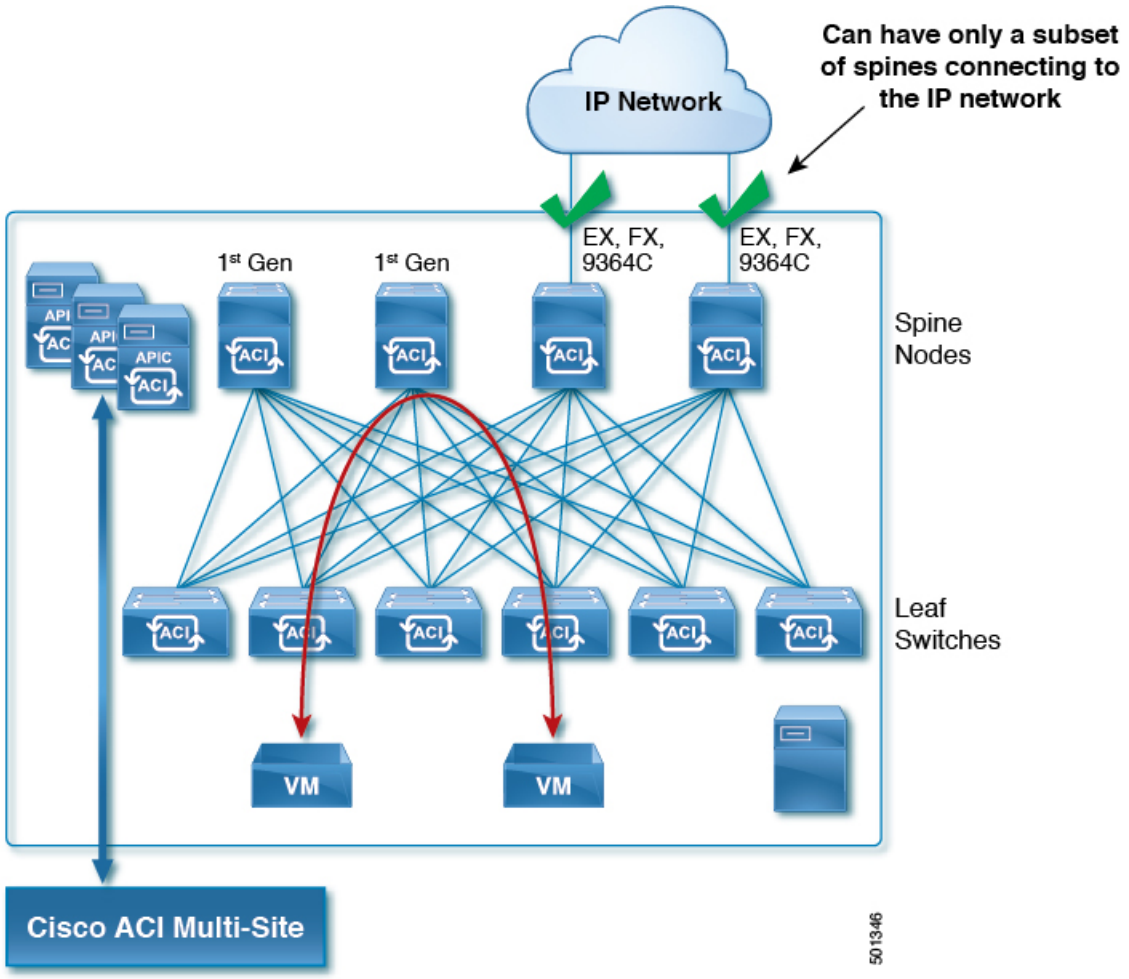
- Cisco Nexus 9500 platform switches with -EX or -FX line cards and -E or -E2 fabric modules

Note Cisco Nexus 9336PQ switches and Cisco Nexus 9500 platform switches with non -EX/-FX line cards or using non -E/-E2 fabric modules do not support Cisco ACI Multi-Site.

The following figure shows how spine nodes with Cisco ACI Multi-Site supporting -EX line cards and -E fabric modules are connected to the intersite network.



Cisco ACI Multi-Site supporting spine nodes with -EX line cards can be mixed with non supporting spine nodes in the same APIC fabric but only the Cisco ACI Multi-Site supporting spine nodes can connect to the IP network as shown in the following figure.



Hardware Compatibility

The following table lists the APIC leaf switches compatible with Cisco ACI Multi-Site.

Cisco Nexus 9000 Series Leaf Switches	PID
Cisco Nexus 93108TC-EX	N9K-C93108TC-EX
Cisco Nexus 93108TC-FX	N9K-C93108TC-FX
Cisco Nexus 93120TX	N9K-C93120TX
Cisco Nexus 93128TX	N9K-C93128TX
Cisco Nexus 93180LC-EX	N9K-C93180LC-EX
Cisco Nexus 93180YC-EX	N9K-C93180YC-EX
Cisco Nexus 93180YC-FX	N9K-C93180YC-FX
Cisco Nexus 9332PQ	N9K-C9332PQ

Cisco Nexus 9000 Series Leaf Switches	PID
Cisco Nexus 9336C-FX2	N9K-C9336C-FX2
Cisco Nexus 9348GC-FXP	N9K-C9348GC-FXP
Cisco Nexus 9372PX	N9K-C9372PX
Cisco Nexus 9372PX-E	N9K-C9372PX-E
Cisco Nexus 9372TX	N9K-C9372TX-E
Cisco Nexus 9372TX-E	N9K-C9372TX-E
Cisco Nexus 9396PX	N9K-C9396PX
Cisco Nexus 9396TX	N9K-C9396TX

The following table lists the APIC spine switches, modules, and line cards compatible with Cisco ACI Multi-Site.

Cisco Nexus 9000 Series Spine Switches	PID	Fabric Modules	Line Cards
Cisco Nexus 9364C	N9K-C9364C	N.A.	N.A.
Cisco Nexus 9504	N9K-C9504	N9K-C9504-FM-E 100-Gb	• N9K-X9732C-EX 32-port 100-Gb • N9K-X9736C-FX
Cisco Nexus 9508	N9K-C9508	N9K-C9508-FM-E 100-Gb	• N9K-X9732C-EX • N9K-X9736C-FX
Cisco Nexus 9508	N9K-C9508	• N9K-C9508-FM-E 100-Gb • N9K-C9508-FM-E2 100-Gb	N9K-X9732C-EX
Cisco Nexus 9516	N9K-C9516	N9K-C9516-FM-E2 100-Gb	• N9K-X9732C-EX • N9K-X9736C-FX

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