



Cisco Multi-Site Hardware Requirements Guide, Release 3.2(x)

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CHAPTER 1

Hardware Requirements for ACI Fabrics

- [Hardware Requirements, on page 1](#)
- [Hardware Compatibility, on page 3](#)

Hardware Requirements

Spine Switch Requirements

Multi-Site requires the following Cisco ACI-mode spine switches:

- Cisco Nexus 9500 platform switches with -EX or -FX line cards and -E or -E2 fabric modules
Cisco Nexus 9500 platform switches with non -EX/-FX line cards or using non -E/-E2 fabric modules are not supported with Multi-Site
- Cisco Nexus 9316D-GX switches
- Cisco Nexus 9332C and 9364C switches
- Cisco Nexus 9336PQ switches for leaf-to-spine connectivity within a site only
These switches are not supported for inter-site connectivity with Multi-Site

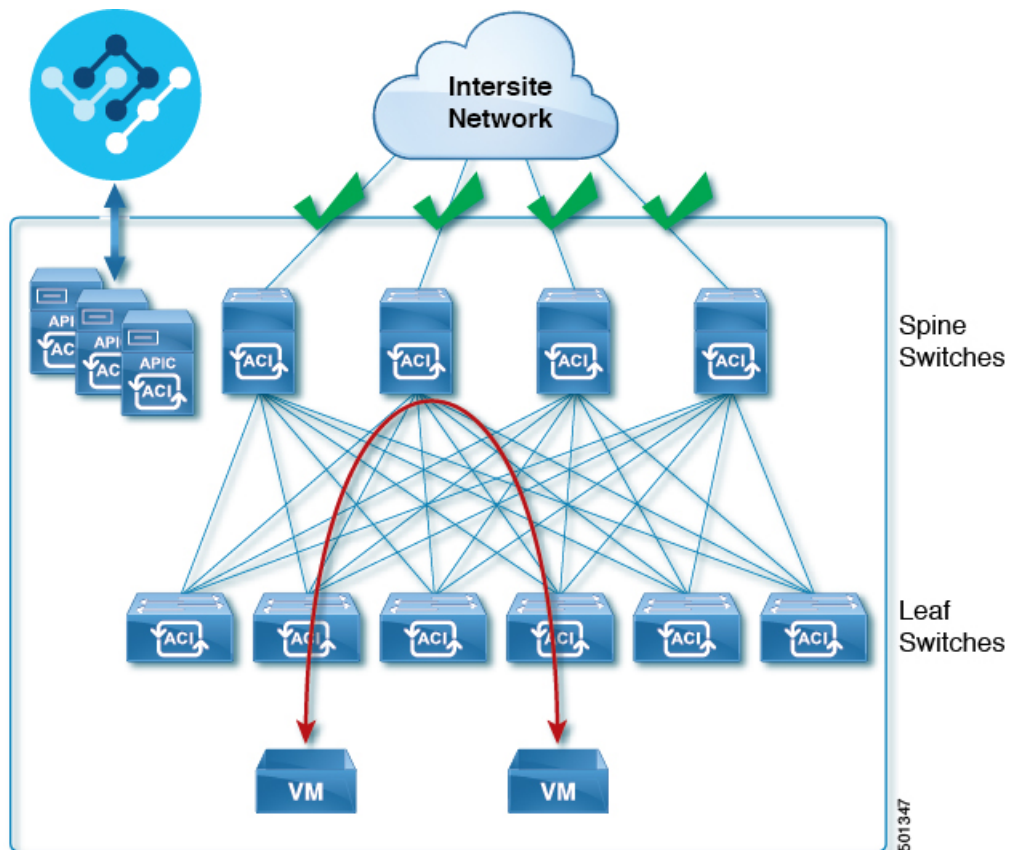
For the list of specific switch models supported by Multi-Site, see [Hardware Compatibility, on page 3](#).

Leaf Switch Requirements

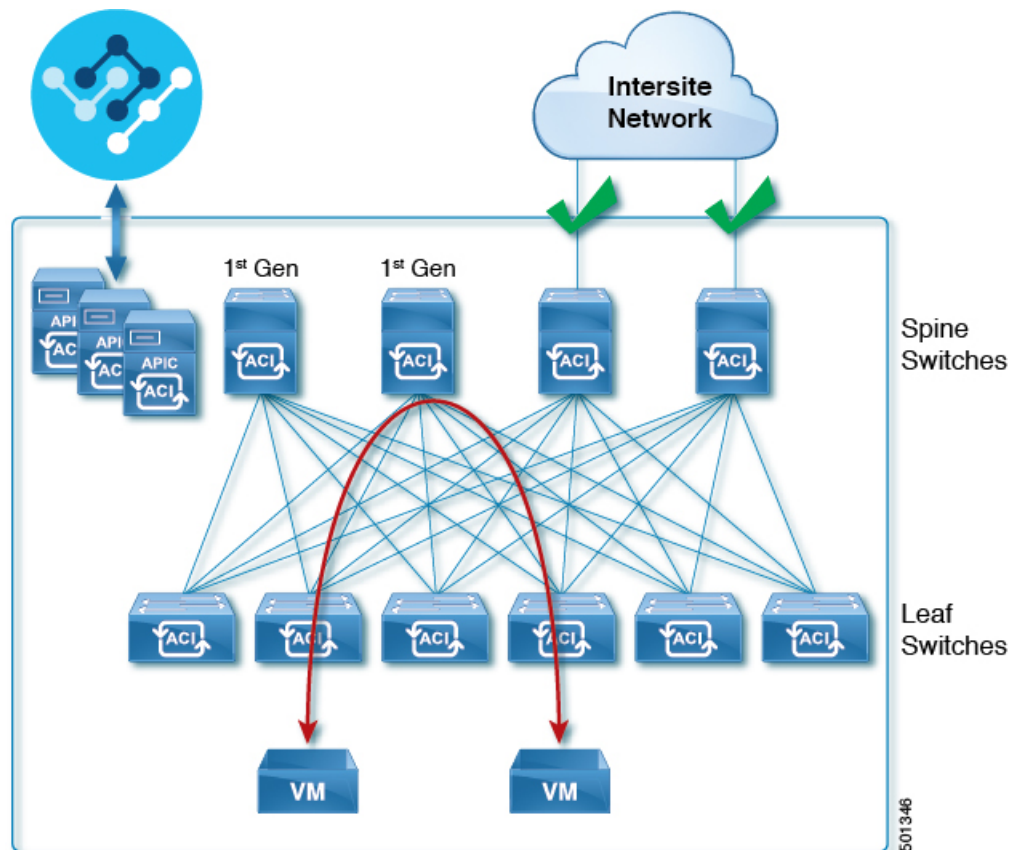
Multi-Site has no dependency on the fabrics' leaf switches and as such supports the same leaf switch models as the Cisco APIC. The full list of supported hardware is available in the [ACI-mode Switches Hardware Support Matrix](#).

IPN Connectivity Across Sites

The following figure shows how spine switches supported with ACI Multi-Site are connected to the intersite network.



You can choose to mix spine switches supported by ACI Multi-Site with switches that are not supported within the same Cisco APIC fabric but only the supported switches can connect to the intersite network as shown in the following figure.



Hardware Compatibility

Spine Switches

Multi-Site requires 2nd generation (Cloud Scale) spine switches. All Cloud Scale spine switches supported by a given ACI release are supported by Multi-Site Orchestrator. Please refer to the [ACI-mode Switches Hardware Support Matrix](#) for the complete list of supported spines for each release.

Leaf Switches

Multi-Site has no dependency on the fabrics' leaf switches and as such supports the same leaf switch models as the Cisco APIC. The full list of supported hardware is available in the [ACI-mode Switches Hardware Support Matrix](#).



CHAPTER 2

Hardware Requirements for DCNM Fabrics

- [Hardware Requirements, on page 5](#)

Hardware Requirements

Spine Switch Requirements

The following table summarizes the hardware requirements for EVPN Multi-Site Architecture:

- Cisco Nexus 9300 EX platform
- Cisco Nexus 9300 FX platform
- Cisco Nexus 9300 FX2 platform
- Cisco Nexus 9300-GX platform
- Cisco Nexus 9332C platform
- Cisco Nexus 9364C platform
- Cisco Nexus 9500 platform with X9700-EX line card
- Cisco Nexus 9500 platform with X9700-FX line card

The hardware requirements for the site-internal BGP Route Reflector (RR) and VTEP of a VXLAN BGP EVPN site remain the same as those without the EVPN Multi-Site Border Gateways (BGW). This document does not cover the hardware and software requirements for the VXLAN EVPN site-internal network.

