



Cisco Multi-Site Hardware Requirements Guide, Release 3.3(x)

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CHAPTER 1

Hardware Requirements for ACI Fabrics

- [Hardware Requirements For ACI Fabrics, on page 1](#)

Hardware Requirements For ACI Fabrics

Spine Switch Requirements

Multi-Site requires second generation (Cloud Scale) spine switches for intersite connectivity. All Cloud Scale spine switches supported by a given ACI release are supported by Multi-Site Orchestrator.

Nexus 9000 first generation switches are not supported for Multi-Site intersite connectivity, but can still be used within a single fabric as long as that fabric is running an APIC release prior to 5.0(1).

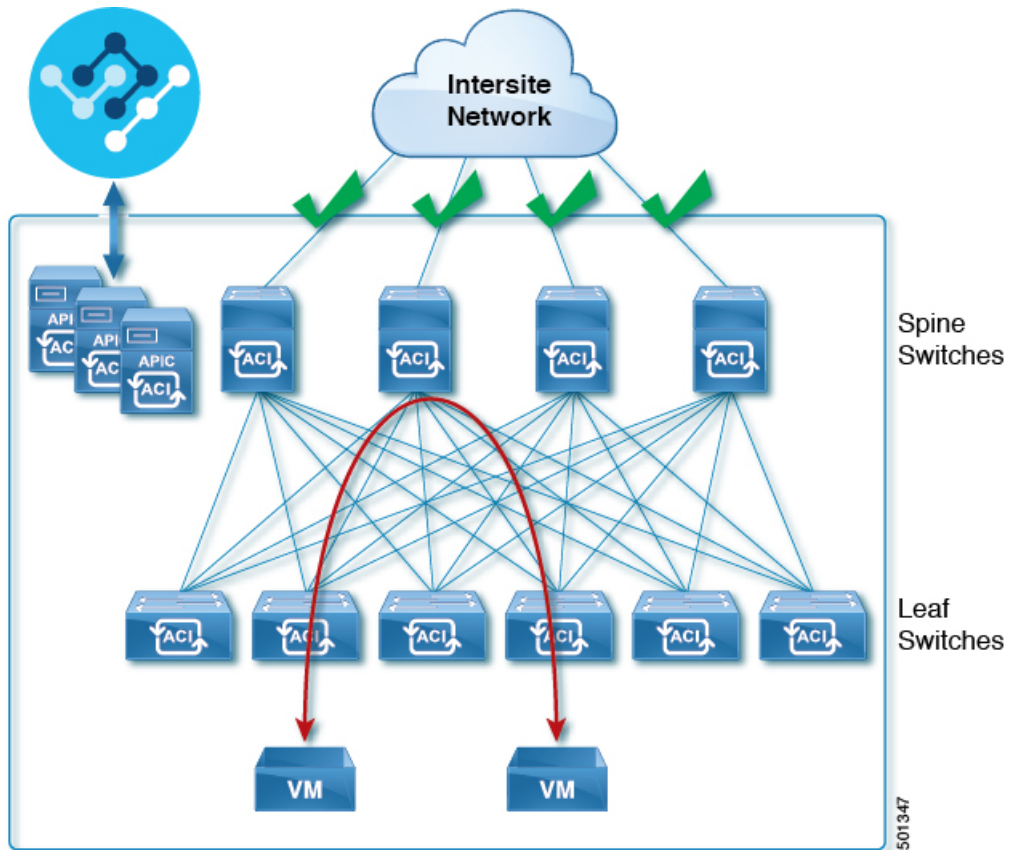
Refer to the [ACI-mode Switches Hardware Support Matrix](#) for the complete list of supported spines for each release.

Leaf Switch Requirements

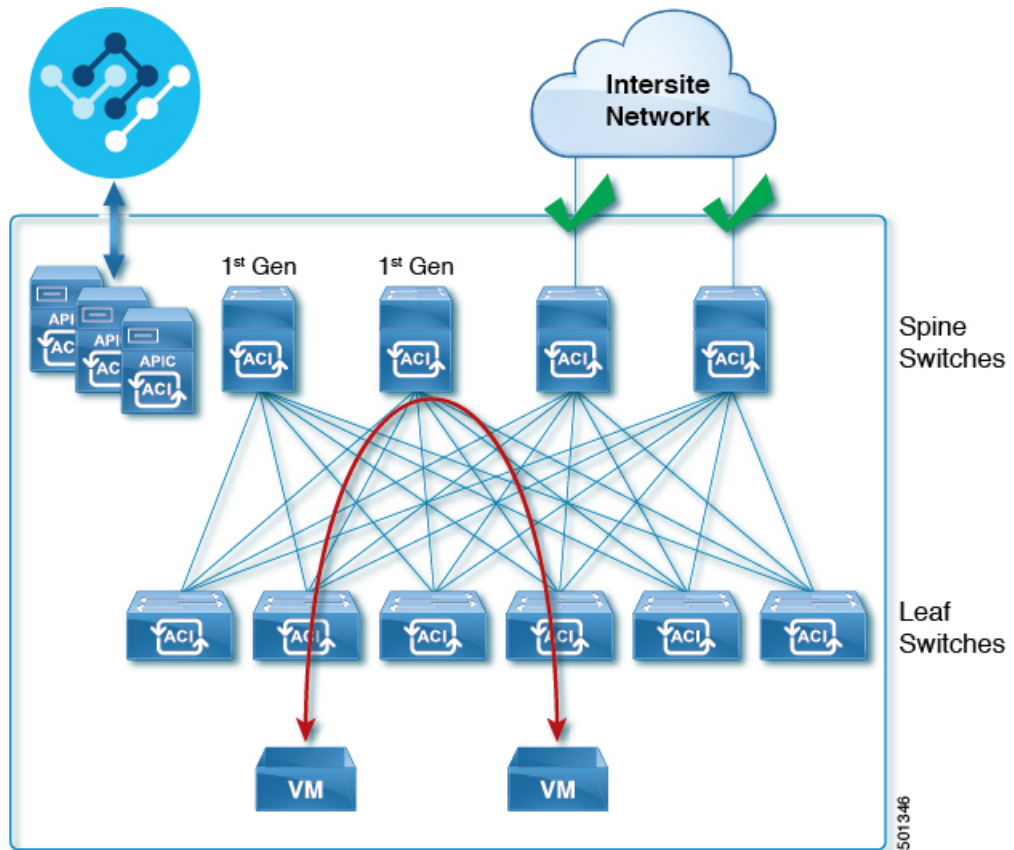
Multi-Site has no dependency on the fabrics' leaf switches and as such supports the same leaf switch models as the Cisco APIC. The full list of supported hardware is available in the [ACI-mode Switches Hardware Support Matrix](#).

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 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.





CHAPTER 2

Hardware Requirements for DCNM Fabrics

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

Hardware Requirements For DCNM Fabrics

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.

