Cisco ACI Multi-Site Hardware Requirements Guide, Release 3.1(x)

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Revised: May 17, 2022

New and Changed Information

The following table provides an overview of the significant changes to the organization and features in this guide from the release the guide was first published to the current release. The table does not provide an exhaustive list of all changes made to the guide.

Table 1: Latest Updates

Release	Details
3.0(2)	Removed the list of specific leaf switches. Cisco ACI 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.
3.0(1)	First release of this document.

Hardware Requirements

Spine Switch Requirements

Cisco ACI 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 93600CD-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

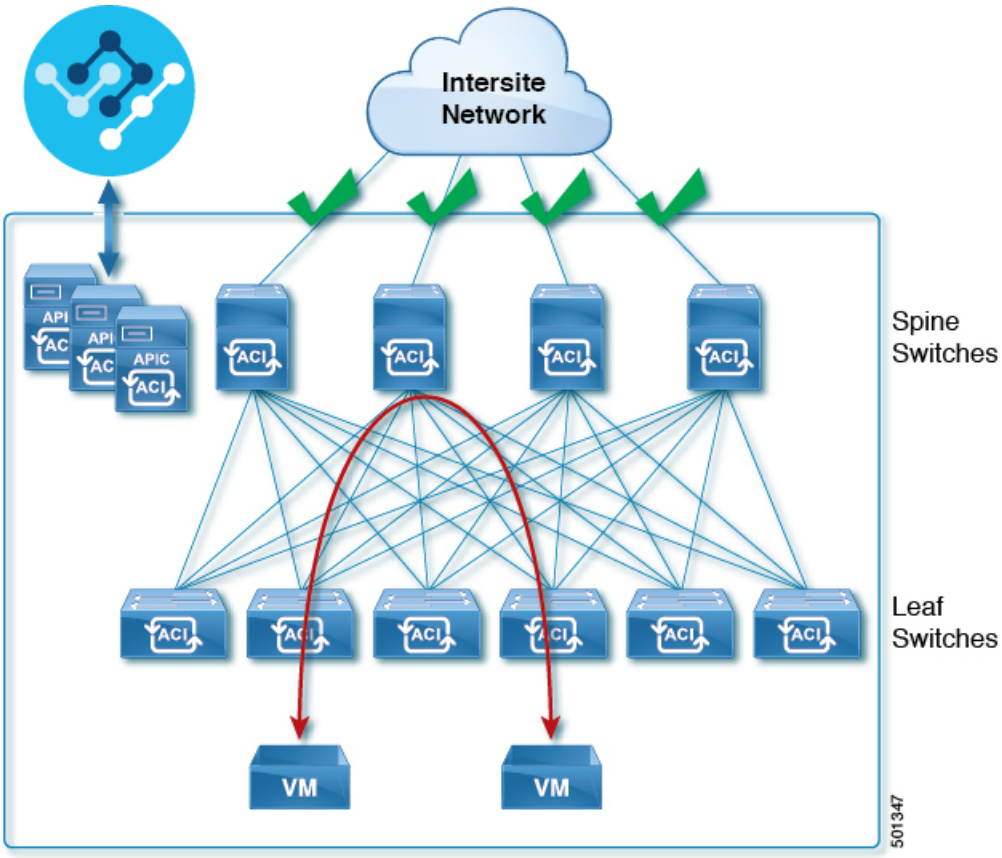
For the list of specific switch models supported by Cisco ACI Multi-Site, see Hardware Compatibility, on page 4.

Leaf Switch Requirements

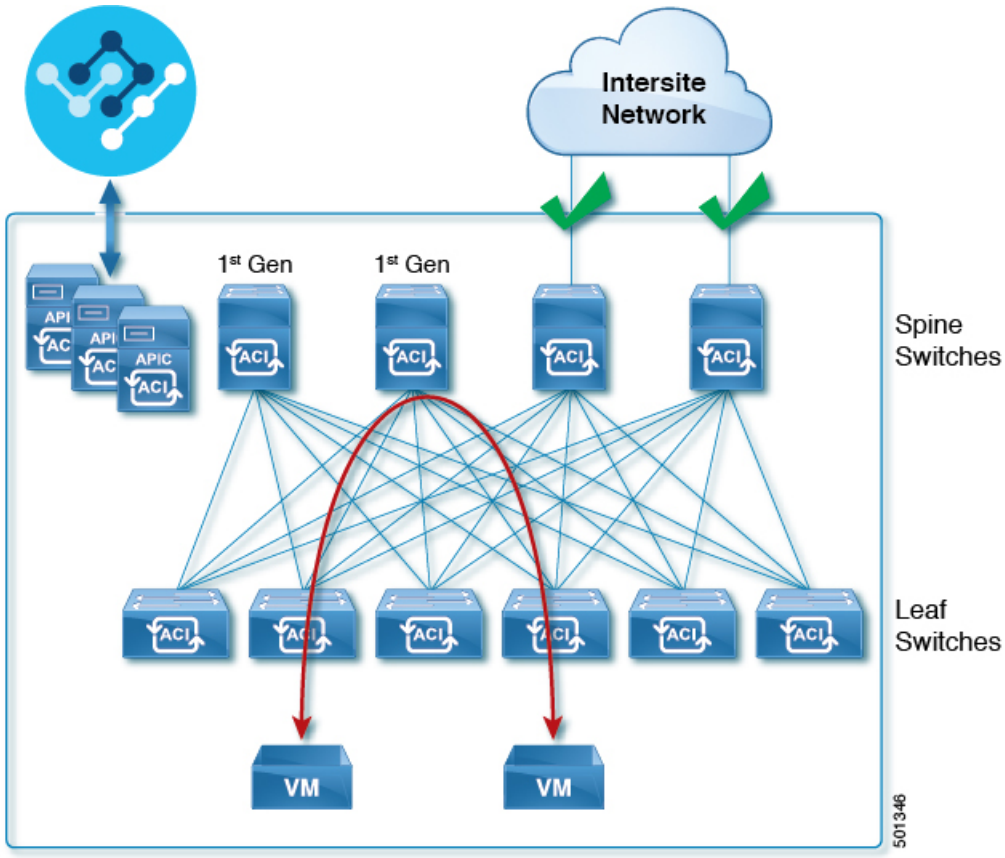
Cisco ACI Multi-Site has no dependency on the fabrics' leaf switches and as such supports the same leaf switch models as the Cisco APIC. The full list of supported hardware is available in the ACI-mode Switches Hardware Support Matrix.

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

Cisco ACI 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.

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