

Cisco Compute Hyperconverged Server Firmware Guidelines

- Major Release of Cisco Hyperconverged Server Firmware, on page 1
- Nutanix AOS Support Guidelines, on page 1
- Nutanix AHV Support Guidelines, on page 1
- VMware ESXi Support Guidelines, on page 1
- Where To Find Interoperability Documentation, on page 2

Major Release of Cisco Hyperconverged Server Firmware

In general, Cisco Compute Hyperconverged with Nutanix supports a select subset of UCS server firmware releases. Cisco periodically (approximately once every 6 months) qualifies the latest recommended version of UCS server firmware version. However, based on critical fixes, Cisco may qualify new server firmware thereby resetting the 6-month clock.

Nutanix AOS Support Guidelines

When a new AOS version is released, the latest UCS server firmware qualified for the Cisco Compute Hyperconverged with Nutanix solution is regression tested by Nutanix with the last qualified UCS server firmware version. If you are running a version of firmware not listed as supported by the version of AOS you want to upgrade to or deploy with, then you will need to upgrade or downgrade your server firmware.

Nutanix AHV Support Guidelines

When a new AHV version is introduced by Nutanix, it is regression tested with UCS server firmware last qualified with the Cisco Hyperconverged with Nutanix solution.

VMware ESXi Support Guidelines

- **ESXi Major Releases, for example, ESXi 8.0, 9.0:** The goal is to qualify a new ESXi major version within 90 days of general availability.

- **ESXi Update Release, for example, ESXi 8.0 U2, U3:** The goal is to qualify a new ESXi update version within 45 days of general availability.
- Deployment Methods and Instructions

Where To Find Interoperability Documentation

- For interoperability between UCS server platform, UCS server firmware, and Nutanix AOS software coupled with hypervisor software, refer to the UCS HCL Tool: https://ucshcltool.cloudapps.cisco.com/public/
- For software interoperability among Nutanix Cloud Platform software modules, refer to the Nutanix Compatibility and Interoperability Matrix: https://portal.nutanix.com/page/documents/compatibility-interoperability-matrix
- Cisco UCS Manager GUI User Guides: https://www.cisco.com/c/en/us/support/servers-unified-computing/ucs-manager/products-installation-and-configuration-guides-list.html
- For interoperability between UCS server firmware and UCS Manager Infrastructure Software (A Bundle), refer to the Cisco UCS Manager Firmware Management Guide: https://www.cisco.com/c/en/us/support/servers-unified-computing/ucs-manager/products-installation-guides-list.html