



Requirements for the Element Plug-in for vCenter Server VCP

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October 08, 2021

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Requirements for the Element Plug-in for vCenter Server

Before you use NetApp Element Plug-in for vCenter Server to manage your NetApp HCI or SolidFire all-flash array storage, you need to be sure that your system meets the requirements for plug-in use.

VMware vSphere prerequisites

VMware vSphere 7.0 or 6.7, including vCenter and ESXi with software iSCSI adapter and iSCSI networking configured, is required to use the NetApp Element Plug-in for vCenter Server.

VMware vSphere versions supported by the plug-in

The plug-in supports the following major versions of VMware software:

- vSphere 7.0 and 7.0 Update 1, including vCenter Server, ESXi, and VMFS5 and VMFS6 datastores
- vSphere 6.7 and 6.7 Update 1 and 3, including vCenter Server, ESXi, and VMFS5 and VMFS6 datastores



The plug-in is not compatible with version 6.7 U2 build 13007421 of the HTML5 vSphere Web Client and other 6.7 U2 builds released prior to update 2a (build 13643870). It is compatible with the version 6.7 U2 vSphere Web Client for Flash/FLEX.



The plug-in is not compatible with VMware vCenter Server 6.5.

End of vSphere 6.0 support



VMware vSphere 6.0 reached end of support status on March 12, 2020. Beginning with NetApp HCI 1.8 and Element 12, vSphere 6.0 is no longer supported. For details, see this [product communiqué](#).

vSphere compatibility and best practices

Consider the following capabilities and recommendations before using the plugin:

- vCenter high availability (VCHA) is not supported.
- Because datastores are created using the highest VMFS version supported by the selected ESXi host, all cluster members should run the same version of vSphere and ESXi to avoid VMFS compatibility issues.
- The vSphere HTML5 Web Client and Flash Web Client have separate databases that cannot be combined. Clusters added in one client will not be visible in the other. If you intend to use both clients, add your clusters in both.

NetApp Element support

The plug-in supports the following major versions:

- Element 12.x, including SolidFire Enterprise SDS
- Element 11.x

Network port requirements

You need to allow some TCP ports through your datacenter's edge firewall so that you can manage the system remotely and allow clients outside of your datacenter to connect to resources. For a comprehensive list of ports used in NetApp HCI and SolidFire systems, see this [page](#).

Find more information

- [NetApp HCI Documentation](#)
- [SolidFire and Element Resources page](#)

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