vSphere upgrade sequences with vCenter Plug-in

HCI

NetApp
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Upgrade your vSphere components for a NetApp HCI system with the Element Plug-in for vCenter Server

When you upgrade the VMware vSphere components of your NetApp HCI installation, there are some additional steps you will need to take for the Element Plug-in for vCenter Server.

Steps

1. For vCSA upgrades, clear mNode settings in the plug-in (**NetApp Element Configuration** > **mNode Settings**). The **mNode Status** field displays `Not Configured` after the process is complete.
2. For vCSA and Windows upgrades, unregister the plug-in from the vCenter Server with which it is associated using the registration utility.
3. Upgrade vSphere, including vCenter Server, ESXi, VMs, and other VMware components.

When upgrading ESXi for compute nodes for a two-node cluster, upgrade only one compute node at a time so that only one witness node is temporarily unavailable and cluster quorum can be maintained.

4. Register the Element Plug-in for vCenter Server again with vCenter.
5. Add clusters using the plug-in.
6. Configure QoSSIOC settings using the plug-in.
7. Enable QoSSIOC for all datastores controlled by the plug-in.

Find more information

- NetApp HCI Documentation Center
- NetApp HCI Resources Page
- NetApp HCI Two-Node Storage Cluster Technical Report

Upgrade your vSphere components for a NetApp SolidFire storage system with the Element Plug-in for vCenter Server

When you upgrade the VMware vSphere components of your SolidFire Element

storage installation, there are some additional steps you will need to take for systems with Element Plug-in for vCenter Server.

Steps

1. For vCSA upgrades, clear mNode settings in the plug-in (**NetApp Element Configuration** > **mNode Settings**). The **mNode Status** field displays `Not Configured` after the process is complete.
2. For vCSA and Windows upgrades, unregister the plug-in from the vCenter Server with which it is associated using the registration utility.
3. Upgrade vSphere, including vCenter Server, ESXi, VMs, and other VMware components.
4. Register the Element Plug-in for vCenter Server again with vCenter.
5. Add clusters using the plug-in.
6. Configure QoSSIOC settings using the plug-in.
7. Enable QoSSIOC for all datastores controlled by the plug-in.

Find more information

- NetApp HCI Documentation Center
- NetApp HCI Resources Page

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