Upgrade

SnapCenter Plug-in for VMware vSphere

NetApp
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Table of Contents

Upgrade . . . 1
- Upgrade from an earlier release of SnapCenter Plug-in for VMware vSphere . . . 1
  - Upgrade paths . . . 1
- Upgrade to a new patch of the same release of SnapCenter Plug-in for VMware vSphere . . . 2
  - Steps for clearing the cache . . . 3
- Information not displayed after upgrading to a new patch of the same release . . . 3
  - Workaround if you already upgraded before clearing the cache . . . 4

Upgrade

Upgrade from an earlier release of SnapCenter Plug-in for VMware vSphere

Upgrade to SCV 6.0 is supported only on VMware vCenter server 7 update 1 and later versions, for VMware vCenter server prior to version 7 update 1, you should continue to use SCV 4.7. The upgrade is disruptive on unsupported versions of VMware vCenter server.

If you are using the SnapCenter Plug-in for VMware vSphere virtual appliance, you can upgrade to a newer release.
The upgrade process unregisters the existing plug-in and deploys a plug-in that is compatible only with vSphere 7.0U1 and later versions.

Upgrade paths

If you are on SnapCenter Plug-in for VMware vSphere (SCV) version…	You can directly upgrade SnapCenter Plug-in for VMware vSphere to…
SCV 5.0	Upgrade to SCV 6.0
SCV 4.9	Upgrade to SCV 5.0 and SCV 6.0
SCV 4.8	Upgrade to SCV 4.9 and SCV 5.0
SCV 4.7	Upgrade to SCV 4.8 and SCV 4.9
SCV 4.6	Upgrade to SCV 4.7 and SCV 4.8

Backup the SnapCenter Plug-in for VMware vSphere OVA before starting an upgrade.

Switching your network configuration from static to DHCP is not supported.

Steps

1. Prepare for the upgrade by disabling SnapCenter Plug-in for VMware vSphere.
   a. Log in to the SnapCenter Plug-in for VMware vSphere management GUI.
   The IP address is displayed when you deploy the SnapCenter Plug-in for VMware vSphere.
   b. Click **Configuration** in the left navigation pane, and then click the **Service** option in the Plug-in Details section to disable the plug-in.
2. Download the upgrade `.iso` file.
   a. Log in to the NetApp Support Site (https://mysupport.netapp.com/products/index.html).
   b. From the list of products, select **SnapCenter Plug-in for VMware vSphere**, then click the **DOWNLOAD LATEST RELEASE** button.
   c. Download the SnapCenter Plug-in for VMware vSphere upgrade `.iso` file to any location.
3. Install the upgrade.
   a. In your browser, navigate to the VMware vSphere vCenter.
   b. On the vCenter GUI, click **vSphere client (HTML)**.

c. Log in to the **VMware vCenter Single Sign-On** page.

d. On the navigator pane, click the VM that you want to upgrade and then click the **Summary** tab.

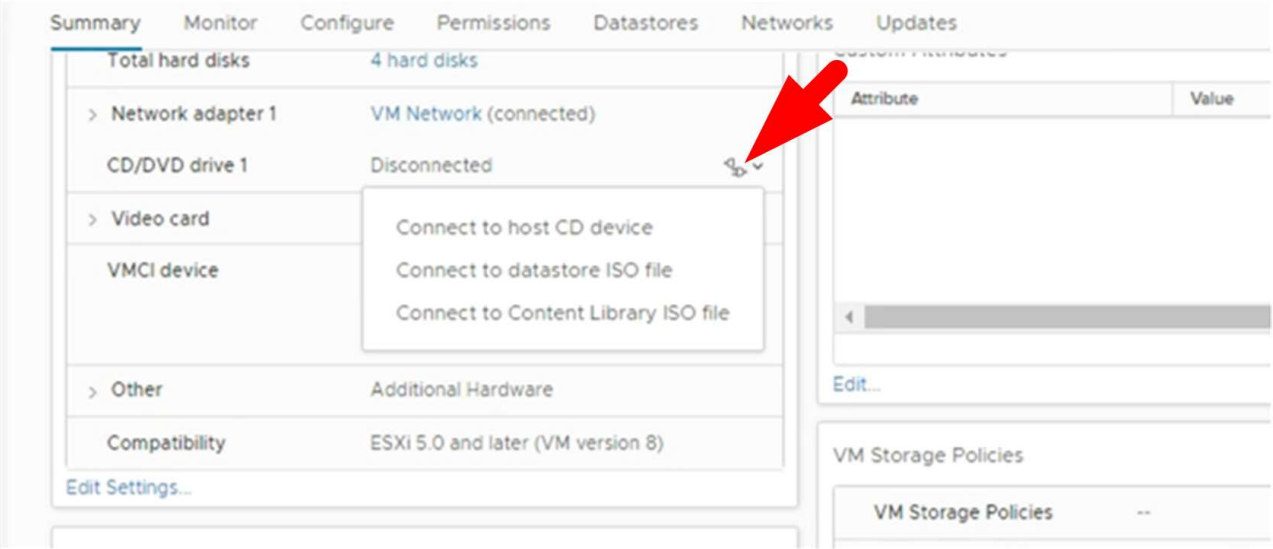
e. On the **Related Objects** pane, click on any datastore in the list and then click the **Summary** tab.

f. On the **Files** tab for the selected datastore, click on any folder in the list, and then click **Upload files**.

g. On the upload pop-up screen, navigate to the location where you downloaded the `.iso` file, then click on the `.iso` file image, and then click **Open**.
The file is uploaded to the datastore.

h. Navigate back to VM that you want to upgrade, and click the **Summary** tab.
In the **VM Hardware** pane, in the CD/DVD field, the value should be “Disconnected”.

i. Click the connection icon in the CD/DVD field and select **Connect to CD/DVD image on a datastore**.



j. In the wizard, do the following:

   i. In the Datastores column, select the datastore where you uploaded the `.iso` file.

   ii. In the Contents column, navigate to the `.iso` file you uploaded, make sure “ISO image” is selected in the File Type field, and then click **OK**.
   Wait until the field shows the “Connected” status.

k. Log onto the Maintenance console by accessing the **Summary** tab of the virtual appliance and then click the green run arrow to start the maintenance console.

l. Enter **2** for System Configuration, then enter **8** for Upgrade.

m. Enter **y** to continue and start the upgrade.

Upgrade to a new patch of the same release of SnapCenter Plug-in for VMware vSphere

If you are upgrading to a new patch of the same release, you must clear the SnapCenter Plug-in for VMware vSphere cache on the vCenter Web Server and restart the server before the upgrade or registration.

If the plug-in cache is not cleared, then recent jobs are not displayed in the Dashboard and job monitor in the following scenarios:

- SnapCenter Plug-in for VMware vSphere was deployed using vCenter, and then later upgraded to a patch in the same release.
- The SnapCenter VMware virtual appliance was deployed in vCenter 1. Later, this SnapCenter Plug-in for VMware vSphere was registered to a new vCenter2. A new instance of the SnapCenter Plug-in for VMware vSphere is created with a patch and registered to vCenter1. However, because vCenter1 still has the cached plug-in from the first SnapCenter Plug-in for VMware vSphere without the patch, the cache needs to be cleared.

Steps for clearing the cache

1. Locate the `vsphere-client-serenity` folder, then locate the `com.netapp.scv.client-<release-number>` folder and delete it.

   The folder name changes for each release.

   Refer to VMware documentation for the location of the `vsphere-client-serenity` folder for your operating system.

2. Restart the vCenter Server.

   You can then upgrade the SnapCenter Plug-in for VMware vSphere.

Information not displayed after upgrading to a new patch of the same release

After upgrading SnapCenter Plug-in for VMware vSphere to a new patch of the same release, recent jobs or other information might not be displayed in the Dashboard and job monitor.

If you are upgrading to a new patch of the same release, you must clear the SnapCenter Plug-in for VMware vSphere cache on the vCenter Web Server and restart the server before the upgrade or registration.

If the plug-in cache is not cleared, then recent jobs are not displayed in the Dashboard and job monitor in the following scenarios:

- SnapCenter Plug-in for VMware vSphere was deployed using vCenter, and then later upgraded to a patch in the same release.
- The SnapCenter VMware virtual appliance was deployed in vCenter 1. Later, this SnapCenter Plug-in for VMware vSphere was registered to a new vCenter2. A new instance of the SnapCenter Plug-in for VMware vSphere is created with a patch and registered to vCenter1. However, because vCenter1 still has the cached plug-in from the first SnapCenter Plug-in for VMware vSphere without the patch, the cache needs to be cleared.

The cache is in the following locations, based on the type of server operating system:

- vCenter Server Linux Appliance

  `/etc/vmware/vsphere-client/vc-packages/vsphere-client-serenity/`

- Windows OS

`%PROGRAMFILES%/VMware/vSphere client/vc-packages/vsphere-client-serenity/`

Workaround if you already upgraded before clearing the cache

1. Log in to the SnapCenter Plug-in for VMware vSphere management GUI.

   The IP address is displayed when you deploy the SnapCenter Plug-in for VMware vSphere.

2. Click **Configuration** in the left navigation pane, and then click the Service option in the **Plug-in Details** section to disable the plug-in.

   SnapCenter Plug-in for VMware vSphere service is disabled, and the extension is unregistered in vCenter.

3. Locate the `vsphere-client-serenity` folder, then locate the `com.netapp.scv.client-<release-number>` folder and delete it.

   The folder name changes for each release.

4. Restart the vCenter Server.
5. Log in to VMware vSphere client.
6. Click **Configuration** in the left navigation pane, and then click the Service option in the **Plug-in Details** section to enable the plug-in.

   SnapCenter Plug-in for VMware vSphere service is enabled, and the extension is registered in vCenter.

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