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 to a new patch of the same release of SnapCenter Plug-in for VMware vSphere 2
Information not displayed after upgrading to a new patch of the same release 3

Upgrade

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

If you are using the SnapCenter Plug-in for VMware vSphere virtual appliance, you can upgrade to a newer release.

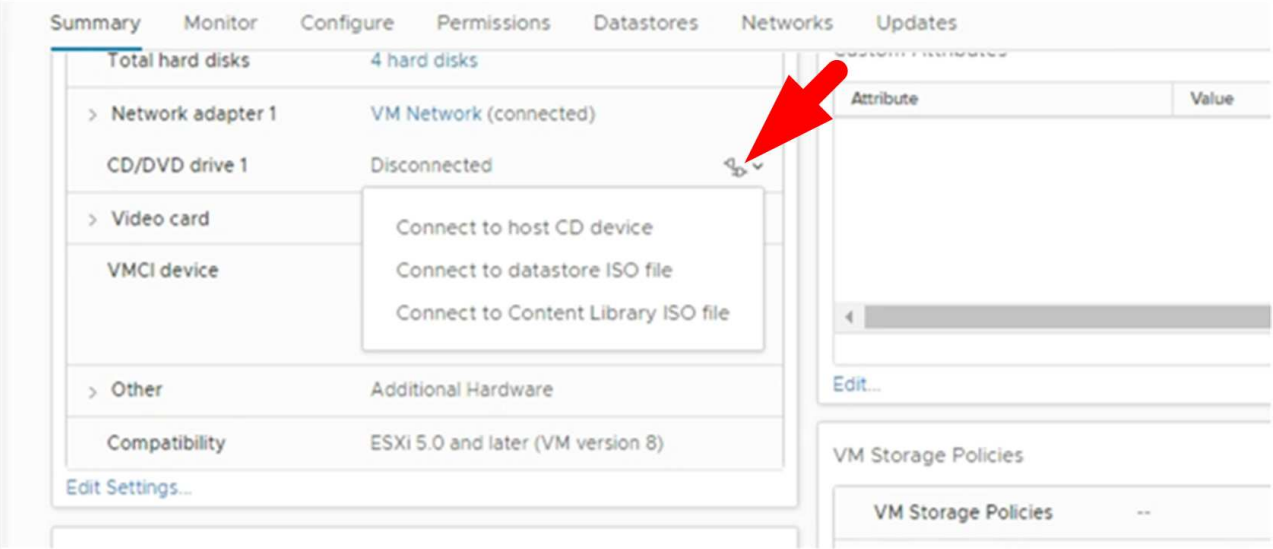
See the SnapCenter Plug-in for VMware vSphere Release Notes for information on supported upgrade paths.

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 is displayed when you deploy the SnapCenter VMware plug-in.
   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 Web 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 VMware plug-in was registered to a new vCenter2. A new instance of the SnapCenter VMware plug-in is created with a patch and registered to vCenter1. However, because vCenter1 still has the cached plug-in from the first SnapCenter VMware plug-in 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.scvm.webclient-4.6.0` folder and delete it.

The folder name changes for each release.

See the 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 VMware plug-in.

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 VMware plug-in was registered to a new vCenter2. A new instance of the SnapCenter VMware plug-in is created with a patch and registered to vCenter1. However, because vCenter1 still has the cached plug-in from the first SnapCenter VMware plug-in 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 for Windows

  `C:\ProgramData\VMware\vCenterServer\cfg\vsphere-client\vc-packages\vsphere-client-serenity\`

- vCenter Server Linux Appliance

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

- Windows OS

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

Workaround if you already upgraded before clearing the cache

1. Log in to the SnapCenter VMware plug-in management GUI.

   The IP is displayed when you deploy the SnapCenter VMware plug-in.

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.

The SnapCenter VMware plug-in service is disabled, and the extension is unregistered in vCenter.

3. Locate the `vsphere-client-serenity` folder, then locate the `com.netapp.scvm.webclient-4.2.0` folder and delete it.

   The folder name changes for each release.

4. Restart the vCenter Server.
5. Log in to VMware vSphere web 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.

   The SnapCenter VMware plug-in service is enabled, and the extension is registered in vCenter.

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