



Upgrade

SnapCenter Plug-in for VMware vSphere 4.9

NetApp
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Upgrade

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



Upgrade to SCV 4.9 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.

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.

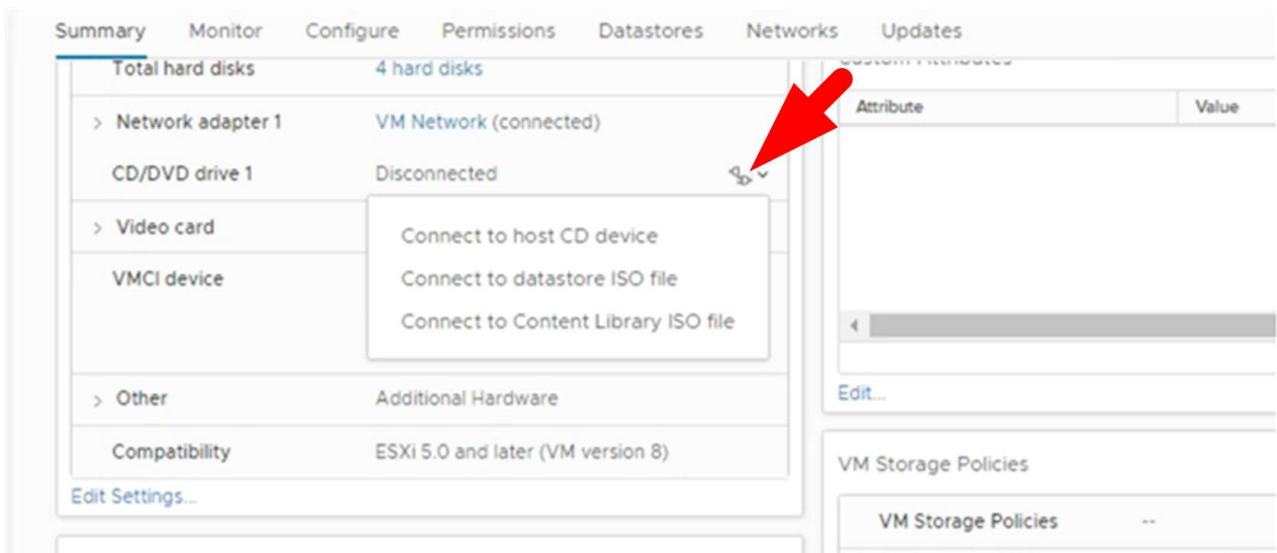


Switching your network configuration from static to DHCP is not supported.

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 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:
- In the Datastores column, select the datastore where you uploaded the `.iso` file.
 - 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.scv.client-`

<release-number> 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 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 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.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.

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

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