



## Quick start

### SnapCenter Plug-in for VMware vSphere 4.9

NetApp  
February 12, 2024

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# Quick start

## Overview

The quick start documentation provides a condensed set of instructions for deploying the SnapCenter Plug-in for VMware vSphere virtual appliance and enabling the SnapCenter Plug-in for VMware vSphere. These instructions are intended for customers who do not have SnapCenter already installed and who want to protect only VMs and datastores.

Before you begin, see [Deployment planning and requirements](#).

## Download the Open Virtual Appliance (OVA)

Before installing the Open Virtual Appliance (OVA), add the certificate to the vCenter. The .tar file contains the OVA and Entrust Root and Intermediate certificates, the certificates can be found within the certificates folder. The OVA deployment is supported in VMware vCenter 7u1 and above.

In VMware vCenter 7.0.3 versions and higher, the OVA signed by the Entrust certificate is no longer trusted. You need to perform the following procedure to resolve the issue.

### Steps

1. To download the SnapCenter Plug-in for VMware:
  - Log in to the NetApp Support Site ( <https://mysupport.netapp.com/products/index.html>).
  - From the list of products, select **SnapCenter Plug-in for VMware vSphere**, then click the **Download Latest Release** button.
  - Download the SnapCenter Plug-in for VMware vSphere .tar file to any location.
2. Extract the contents of the tar file. The tar file contains the OVA and certs folder. The certs folder contains the Entrust Root and Intermediate certificates.
3. Log in with the vSphere Client to the vCenter Server.
4. Navigate to **Administration > Certificates > Certificate Management**.
5. Next to **Trusted Root certificates**, click **Add**
  - Go to the *certs* folder.
  - Select the Entrust Root and Intermediate certificates.
  - Install each certificate one at a time.
6. The certificates are added to a panel under **Trusted Root Certificates**.  
Once the certificates are installed, OVA can be verified and deployed.



If the downloaded OVA is not tampered, then the **Publisher** column displays **Trusted certificate**.

# Deploy SnapCenter Plug-in for VMware vSphere

To use SnapCenter features to protect VMs, datastores, and application-consistent databases on virtualized machines, you must deploy SnapCenter Plug-in for VMware vSphere.


1. For VMware vCenter 7.0.3 and later versions, follow the steps in [Download the Open Virtual Appliance \(OVA\)](#) to import the certificates to vCenter.
2. In your browser, navigate to VMware vSphere vCenter.



For IPv6 HTML web clients, you must use either Chrome or Firefox.

3. Log in to the **VMware vCenter Single Sign-On page**.
4. On the Navigation pane, right-click any inventory object that is a valid parent object of a virtual machine, such as a datacenter, folder, cluster, or host, and select **Deploy OVF Template** to start the VMware deploy wizard.
5. On the **Select an OVF template** page, specify the location of the `.ova` file (as listed in the following table) and click **Next**.

On this wizard page...	Do this...
Select a name and folder	Enter a unique name for the VM or vApp and select a deployment location.
Select a resource	Select a resource where you want to run the deployed VM template.
Review details	Verify the <code>.ova</code> template details.
License agreements	Select the checkbox for <b>I accept all license agreements</b> .
Select storage	Define where and how to store the files for the deployed OVF template.
Select networks	Select a source network and map it to a destination network.

On this wizard page...	Do this...
Customize template	<p>In <b>Register to existing vCenter</b>, enter the vCenter credentials.</p> <p>In <b>Create SnapCenter Plug-in for VMware vSphere credentials</b>, enter the SnapCenter Plug-in for VMware vSphere credentials.</p> <div style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;"> <p> Make a note of the username and password that you specify. You need to use these credentials if you want to modify the SnapCenter Plug-In for VMware vSphere configuration at a later time.</p> </div> <p>In <b>Setup Network Properties</b>, enter the network information.</p> <p>In <b>Setup Date and Time</b>, select the time zone where the vCenter is located.</p>
Ready to complete	Review the page and click <b>Finish</b> .



All hosts must be configured with IP addresses (FQDN hostnames are not supported). The deploy operation does not validate your input before deploying.

6. Navigate to the VM where SnapCenter Plug-in for VMware vSphere was deployed, then click the **Summary** tab, and then click the **Power On** box to start the SnapCenter VMware plug-in.
7. While the SnapCenter VMware plug-in is powering on, right-click the deployed SnapCenter VMware plug-in, select **Guest OS**, and then click **Install VMware tools**.

The deployment might take a few minutes to complete. A successful deployment is indicated when the SnapCenter VMware plug-in is powered on, the VMware tools are installed, and the screen prompts you to log in to the SnapCenter VMware plug-in.

The screen displays the IP address where the SnapCenter VMware plug-in is deployed. Make a note of the IP address. You need to log in to the SnapCenter VMware plug-in management GUI if you want to make changes to the SnapCenter VMware plug-in configuration.

8. Log in to the SnapCenter VMware plug-in management GUI using the IP address displayed on the deployment screen using the credentials that you provided in the deployment wizard, then verify on the Dashboard that the SnapCenter VMware plug-in is successfully connected to vCenter and is enabled.

Use the format `https://<appliance-IP-address>:8080` to access the management GUI.

Login with the admin username and password set at the time of deployment and the MFA token generated using the maintenance console.

9. Log in to vCenter HTML5 client, then click **Menu** in the toolbar, and then select **SnapCenter Plug-in for VMware vSphere**

## Add storage

Follow the steps in this section to add storage.

1. In the left Navigator pane of the SCV plug-in, click **Storage Systems** and then select **Add** option.
2. On the Add Storage System dialog box, enter the basic SVM or cluster information, and select **Add**.

## Create backup policies

Follow the instructions given below to create backup policies

1. In the left Navigator pane of the SCV plug-in, click **Policies**, and then select **New Policy**.
2. On the **New Backup Policy** page, enter the policy configuration information, and then click **Add**.

If the policy will be used for mirror-vault relationships, then in the Replication field, you must select only the **Update SnapVault after backup** option if you want backups copied to the mirror-vault destinations.

## Create resource groups

Follow the steps below to create resource groups.

1. In the left Navigator pane of the SCV plug-in, click **Resource Groups**, and then select **Create**.
2. Enter the required information on each page of the Create Resource Group wizard, select VMs and datastores to be included in the resource group, and then select the backup policies to be applied to the resource group and specify the backup schedule.

Backups are performed as specified in the backup policies that are configured for the resource group.

You can perform a backup on demand from the **Resource Groups** page by selecting  **Run Now**.

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