



# **Install SnapCenter and create credentials**

## **SnapCenter software**

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# Install SnapCenter and create credentials

## Install SnapCenter on Azure Virtual Machine

You can download the SnapCenter software from the NetApp Support site and install the software on the Azure virtual machine.

### Before you begin

- Ensure that the Azure Windows virtual machine meets the requirements for SnapCenter Server installation. For information, see [Requirements to install SnapCenter Server](#).
- If you are new to Azure NetApp Files and do not have an existing NetApp account, ensure that you have registered so that you can access the SnapCenter Software. For information, see [Register to access the SnapCenter software](#).

### Steps

1. Download the SnapCenter Server installation package from [NetApp Support Site](#).
2. Initiate the SnapCenter Server installation by double-clicking the downloaded .exe file.

After you initiate the installation, all the pre-checks are performed and if the minimum requirements are not met appropriate error or warning messages are displayed. You can ignore the warning messages and proceed with installation; however, errors should be fixed.

3. Review the pre-populated values required for the SnapCenter Server installation and modify if required.

You do not have to specify the password for MySQL Server repository database. During SnapCenter Server installation the password is auto generated.



The special character “%” is not supported in the custom path for the repository database. If you include “%” in the path, installation fails.

4. Click **Install Now**.

If you have specified any values that are invalid, appropriate error messages will be displayed. You should re-enter the values, and then initiate the installation.



If you click the **Cancel** button, the step that is being executed will be completed, and then start the rollback operation. The SnapCenter Server will be completely removed from the host.

However, if you click **Cancel** when "SnapCenter Server site restart" or "Waiting for SnapCenter Server to start" operations are being performed, installation will proceed without cancelling the operation.

## Register the product to enable support

If you are new to NetApp and do not have an existing NetApp account, you should register the product to enable support.

### Steps

1. After installing SnapCenter, navigate to **Help > About**.

2. In the *About SnapCenter* dialog box, make a note of the SnapCenter Instance, a 20 digit number that starts with 971.
3. Click <https://register.netapp.com>.
4. Click **I am not a registered NetApp Customer**.
5. Specify your details to register yourself.
6. Leave the NetApp Reference SN field blank.
7. Select **SnapCenter** from the Product Line drop-down.
8. Select the billing provider.
9. Enter the 20-digit SnapCenter instance ID.
10. Click **Submit**.

## Create the Azure credential in SnapCenter

You should create the Azure credential in SnapCenter to access the Azure NetApp account.

### Before you begin

- Ensure that you have created the service principal in Azure.
- Ensure that you have the tenant ID, client ID, and secret key associated with the service principal available with you.
  - The Tenant ID can be found in the Azure Portal on the Overview page for Entra ID.
  - The Client ID is also known as the Application ID for the Enterprise App/Service Principal. This can be found in the Azure Portal on the Overview page for the Enterprise Application you've created to act as the Service Principal for SnapCenter.
  - The Client Secret Key is also known as the Secret Value. You can create this client secret in the Azure Portal by navigating to **App registrations** under Entra ID. After selecting the Enterprise App that you created, navigate to **Certificates & secrets** and then **New client secret**.



The secret value can only be accessed when created. You cannot access it later.

- The Service Principal needs to be granted permissions. The role of Contributor will allow the service principal to perform required actions in Azure. This can be granted from the Access Control (IAM) page within the Subscription page.

### Steps

1. In the left navigation pane, click **Settings**.
2. In the Settings page, click **Credential**.
3. Click **New**.
4. In the Credential page, specify the following information required to create the credential.

For this field...	Do this...
Credential Name	Enter a name for the credential.

For this field...	Do this...
Authentication Mode	Select <b>Azure Credential</b> from the drop-down list.
Tenant ID	Enter the tenant ID.
Client ID	Enter the client ID.
Client Secret Key	Enter the client secret key.

5. Click **OK**.

## Configure the Azure storage account

You should configure the Azure storage account in SnapCenter.

The Azure storage account contains details about the subscription ID, Azure credential, and Azure NetApp account.



The standard licenses and capacity-based license is not required for Azure NetApp Files.

### Steps

1. In the left navigation pane, click **Storage Systems**.
2. In the Storage Systems page, select **Azure NetApp Files** and click **New**.
3. Select the credential, subscription ID, and NetApp account from the respective drop-down lists.
4. Click **Submit**.

## Create the credential to add the plug-in host

SnapCenter uses credentials to authenticate users for SnapCenter operations.

You should create credentials for installing SnapCenter plug-ins and additional credentials for performing data protection operations.

### Steps

1. In the left navigation pane, click **Settings**.
2. In the Settings page, click **Credential**.
3. Click **New**.
4. In the Credential page, specify the following information required to create the credential.

For this field...	Do this...
Credential Name	Enter a name for the credential.
Authentication Mode	Select the authentication mode from the drop-down list.

For this field...	Do this...
Authentication Type	Select either <b>Password Based</b> or <b>SSH Key Based</b> (only for Linux host).
Username	Specify the username.
Password	If you have selected Password based authentication, specify the password.
SSH Private Key	If you have selected SSH Key Based authentication, specify the private key.
Use sudo privileges	Select the Use sudo privileges check box if you are creating credentials for a non-root user.   This is applicable only for Linux users.

5. Click **OK**.

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