



Back up to the cloud

ONTAP 9

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Back up to the cloud

Starting in System Manager 9.9.1, you can use System Manager to back up your data to the cloud and to restore your data from cloud storage to a different volume. You can use either StorageGRID or ONTAP S3 as your cloud object store.

Before you use SnapMirror Cloud with System Manager, you should generate a SnapMirror Cloud API license key on the NetApp Support Site: [Generate SnapMirror Cloud API license key](#)

Add a cloud object store

Before you configure SnapMirror Cloud backups, you should add a StorageGRID or ONTAP S3 cloud object store.

Steps

1. Click **Protection > Overview > Cloud Object Stores**.
2. Click **+ Add**.

Back up using the default policy

You can quickly configure a SnapMirror Cloud backup for an existing volume using the default cloud protection policy, DailyBackup.

Steps

1. Click **Protection > Overview** and select **Back Up Volumes to Cloud**.
2. If this is your first time backing up to the cloud, enter your SnapMirror Cloud API license key in the license field as indicated.
3. Click **Authenticate and Continue**.
4. Select a source volume.
5. Select a cloud object store.
6. Click **Save**.

Create a custom cloud backup policy

If you do not want to use the default DailyBackup cloud policy for your SnapMirror Cloud backups, you can create your own policy.

Steps

1. Click **Protection > Overview > Local Policy Settings** and select **Protection Policies**.
2. Click **Add** and enter the new policy details.
3. In the **Policy Type** section, select **Back up to Cloud** to indicate that you are creating a cloud policy.
4. Click **Save**.

Create a backup from the Volumes page

You can use the System Manager **Volumes** page to when you want to select and create cloud backups for multiple volumes at one time or when you want to use a custom protection policy.

Steps

1. Click **Storage > Volumes**.
2. Select the volumes you want to back up to the cloud, and click **Protect**.
3. In the **Protect Volume** window, click **More Options**.
4. Select a policy.


You can select the default policy, DailyBackup, or a custom cloud policy you created.

5. Select a cloud object store.
6. Click **Save**.

Restore from the cloud

You can use System Manager to restore backed up data from cloud storage to a different volume on the source cluster.


Steps

1. Click **Storage > Volumes** and select the volume you want to restore.
2. Click  next to the source volume and select **Restore**.
3. Under **Source**, select a storage VM and then enter the name of the volume to which you want the data restored.
4. Under **Destination**, select the Snapshot copy you want to restore.
5. Click **Save**.

Delete a SnapMirror Cloud relationship

You can use System Manager to delete a cloud relationship.


Steps

1. Click **Storage > Volumes** and select the volume you want to delete.
2. Click  next to the source volume and select **Delete**.
3. Select **Delete the cloud object store endpoint (optional)** if you want to delete the cloud object store endpoint.
4. Click **Delete**.

Remove a cloud object store

You can use System Manager to remove a cloud object store if it is not part of a cloud backup relationship. When a cloud object store is part of a cloud backup relationship, it cannot be deleted.

Steps

1. Click **Protection > Overview > Cloud Object Stores**.
2. Select the object store you want to delete, click  and select **Delete**.

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