



Manage cloud volumes snapshots

Cloud Manager

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Manage cloud volumes snapshots

You can create a snapshot policy for each volume so that you can recover or restore the entire contents of a volume from an earlier time. You can also create an on-demand snapshot of a cloud volume when needed.

Create an on-demand snapshot

You can create an on-demand snapshot of a cloud volume if you want to create a snapshot with the current volume state.

Steps

1. Open the working environment.
2. Hover over the volume and click **Create a snapshot copy**.
3. Enter a name for the snapshot, or use the automatically generated name, and click **Create**.

Create a Snapshot Copy - <Volume Name>

A NetApp Snapshot copy is a read-only, point-in-time image of a volume. The image protects your data with no performance impact and requires minimal storage.

Snapshot Copy Name

Create

The snapshot is created.

Create or modify a snapshot policy

You can create or modify a snapshot policy as necessary for a cloud volume. You define the snapshot policy from the *Snapshot Policy* tab either when creating a volume or when editing a volume.

Steps

1. Open the working environment.
2. Hover over the volume and click **Edit**.
3. From the *Snapshot Policy* tab, move the enable snapshots slider to the right.
4. Define the schedule for snapshots:
 - a. Select the frequency: **Hourly**, **Daily**, **Weekly**, or **Monthly**

- b. Select the number of snapshots you want to keep.
- c. Select the day, hour, and minute when the snapshot should be taken.

Schedule Snapshot Policies:

☒ Hourly

Number of Snapshot to Keep

Minute

12

30

☐ Daily

Number of Snapshot to Keep

Hour

Minute

0

0

0

☒ Weekly

Number of Snapshot to Keep

Days

Hour

Minute

3

Sunday x

☐ Sunday

☐ Monday

☐ Tuesday

0

0

☐ Monthly

Number of Snapshot to Keep

Hour

Minute

0

0

0

5. Click **Add volume** or **Update volume** to save your policy settings.

Disable a snapshot policy

You can disable a snapshot policy to stop snapshots from being created for a short period of time while retaining your snapshot policy settings.

Steps

1. Open the working environment.
2. Hover over the volume and click **Edit**.
3. From the *Snapshot Policy* tab, move the enable snapshots slider to the left.

Enable automatic Snapshot copies

When disabled, Cloud Volumes Service does not create Snapshot copies of your volumes.

4. Click **Update volume**.

When you want to re-enable the snapshot policy, move the enable snapshots slider to the right and click **Update volume**.

Delete a snapshot

You can delete a snapshot if it is no longer needed.

Steps

1. Open the working environment.
2. Hover over the volume and click **Delete a Snapshot copy**.
3. Select the snapshot from the drop-down list and click **Delete**.

Delete a Snapshot Copy - <Volume Name>

This action deletes the selected Snapshot copy.

Snapshot Name

manually.2020-05-04_1722

Delete

4. In the confirmation dialog box, click **Delete**.

Restore a snapshot to a new volume

You can restore a snapshot to a new volume as necessary.

Steps

1. Open the working environment.
2. Hover over the volume and click **Restore to a new volume**.
3. Select the snapshot that you want to use to create the new volume from the drop-down list.
4. Enter a name for the new volume and click **Restore**.

Restore to a new volume - <Volume Name>

This operation restores data from a Snapshot copy to a new volume.

Snapshot Name

manually.2020-05-04_1722

Restored Volume Name:

vol_restore

Restore

The volume is created in the working environment.

5. If you need to change any of the volume attributes, such as volume path or service level:
 - a. Hover over the volume and click **Edit**.
 - b. Make your changes and click **Update volume**.

After you finish

Continue with [Mounting the cloud volume](#).

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