



# 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:**

<input checked="" type="checkbox"/> <b>Hourly</b>	Number of Snapshot to Keep	Minute		
	<input type="text" value="12"/>	<input type="text" value="30"/>		
<input type="checkbox"/> <b>Daily</b>	Number of Snapshot to Keep	Hour	Minute	
	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	
<input checked="" type="checkbox"/> <b>Weekly</b>	Number of Snapshot to Keep	Days	Hour	Minute
	<input type="text" value="3"/>	<div>Sunday x</div>	<input type="text" value="0"/>	<input type="text" value="0"/>
<input type="checkbox"/> <b>Monthly</b>	Number of Snapshot to Keep	<div><input type="checkbox"/> Sunday</div> <div><input type="checkbox"/> Monday</div> <div><input type="checkbox"/> Tuesday</div>	Hour	Minute
	<input type="text" value="0"/>		<input type="text" value="0"/>	<input type="text" value="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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