



# Managing cloud volume snapshots

## Cloud Volumes Service

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# Managing cloud volume snapshots

## Creating an on-demand snapshot for a cloud volume

You can create an on-demand snapshot of a cloud volume from either the Volumes or Snapshots page.

### Creating snapshots from the Volumes page

#### Steps

1. Click the volume name, select **Snapshots**, and then click **+ Create new snapshot**.
2. Enter a name for the snapshot, or use the automatically generated name.
3. Select the volume name, and then, from the drop-down list, select the volume for which you want to create a snapshot.
4. Click **Create snapshot**.

The created snapshot appears.

### Creating snapshots from the Snapshots page

#### Steps

1. Click **+ Create new snapshot**.
2. Enter a name for the snapshot, or use the automatically generated name.
3. From the drop-down list, select the volume for which you want to create a snapshot.
4. Click **Create snapshot**.

The created snapshot is now listed.

## Creating or modifying a snapshot policy

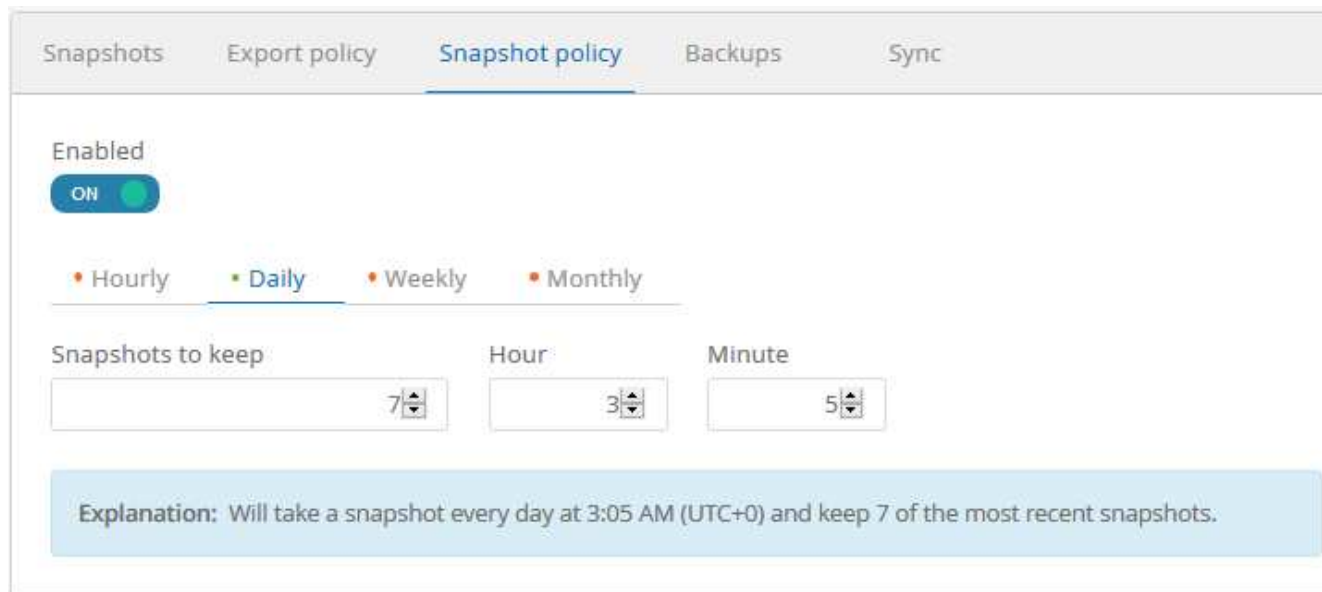
You can create or modify a snapshot policy as necessary for a cloud volume.

#### Steps

1. From the Volumes page, click the volume name, and then select **Snapshot policy**.
2. Select **Hourly**, **Daily**, **Weekly**, or **Monthly** to specify the frequency for creating snapshots.

Configured policies are marked with a green dot. Undefined policies are marked with a red dot.

3. Select the number of snapshots you want to keep.
4. Select the day, hour, and minute when the snapshot should be taken.
5. If you want to create additional snapshots with different frequencies, for example, both monthly and daily snapshots, repeat steps 2 through 4.



6. If the **Enabled** button is not already set to **ON**, click the button to enable or re-enable the policy.
7. Click **Save changes**.

## Disabling 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. From the Volumes page, click the volume name, and then select **Snapshot policy**.
2. Click the **Enabled** button to **OFF** to disable snapshots from being created.



3. Click **Save changes**.

When you want to re-enable the snapshot policy, click the **Enabled** button to **ON** and click **Save changes**.

## Reverting a volume from a snapshot

You can revert a volume to an earlier point in time from an existing snapshot.

When you revert a volume, the content of the snapshot overwrites the existing volume configuration. Any changes that were made to the data in the volume after the snapshot was created are lost.

Note that clients do not need to remount the volume after the revert operation.

### Steps

1. On the Snapshots page or in the Snapshots tab in Volume details, select the snapshot that you want to revert to, click **Available**, and then select **Revert volume to snapshot**.

2. In the Revert snapshot dialog box, reenter the name of the volume that you want to revert and click **Revert**.

## Deleting a snapshot

You can delete a snapshot from the Volumes or Snapshots page.

### Deleting a snapshot from the Volumes page

#### Steps

1. Click the volume name, and then select **Snapshots** to see a list of snapshots for the volume.
2. Specify the snapshots that you want to delete by selecting the corresponding checkboxes, click **Actions**, and then select **Delete snapshot/s** from the drop-down list.  
  
Alternatively, you can click **Available** under Actions, then select **Delete snapshot** from the drop-down list.
3. In the confirmation dialog box, type `delete` to confirm, and then click **Delete**.

### Deleting a snapshot from the Snapshots page

#### Steps

1. (Optional) Use the search box to filter the listed snapshots.
2. Specify the snapshots that you want to delete by selecting the corresponding checkboxes, click **Actions**, and then select **Delete snapshot/s** from the drop-down list.
3. In the confirmation dialog box, type `delete` to confirm, and then click **Delete**.

## Restoring a snapshot to a new volume

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

#### Steps

1. On the Snapshots page or in the Snapshots section in Volume details, select the snapshot from which to restore, click **Available**, and then select **Restore to Volume**.
2. In the Create Volume dialog box, enter a name for the new volume, and edit other settings if necessary.

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3. Review the settings and then click **Create volume** to finish restoring the snapshot to the new volume.

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