



Managing backups for Cloud Volumes ONTAP and on-premises ONTAP systems

Cloud Manager

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Managing backups for Cloud Volumes ONTAP and on-premises ONTAP systems

You can manage backups for Cloud Volumes ONTAP and on-premises ONTAP systems by changing the backup schedule, enabling/disabling volume backups, deleting backups, and more.



Do not manage or change backup files directly from your cloud provider environment. This may corrupt the files and will result in an unsupported configuration.

Viewing the volumes that are being backed up

You can view a list of all the volumes that are currently being backed up in the Backup Dashboard.

Steps

1. Click the **Backup & Restore** tab.
2. Click the **Backup** tab and the Backup Dashboard is displayed.

The screenshot displays the Backup & Restore dashboard. At the top, the 'Backup & Restore' tab is active, with sub-tabs for 'Backup' and 'Restore'. A dropdown menu labeled 'All Backup Working Environments' is highlighted with a red box. Below this, three summary cards show: 1 Working Environment, 57 Protected Volumes, and 15.1 TB Total Backup Capacity. To the right, a 'Protected Volumes Status' card indicates 57 Healthy Backup Volumes and 0 Failed Backup Volumes. The main section, titled '57 Backups', contains a table with columns: Source Working Environment, Source Volume, Source SVM, Last Backup, Backups, and Backup Status. The first three rows of the table are visible, each showing 'CVO_AWS' as the source environment and 'On' as the source volume status. A search filter icon (magnifying glass) is located in the top right corner of the table area, also highlighted with a red box.

If you are looking for specific volumes in certain working environments, you can refine the list by working environment and volume, or you can use the search filter.

Changing the schedule and backup retention

The default policy backs up volumes every day and retains the most recent 30 backup copies of each volume. You can change to a combination of daily, weekly, or monthly backups and you can change the number of backup copies to retain. You can also select one of the system-defined policies that provide scheduled backups for 3 months, 1 year, and 7 years.

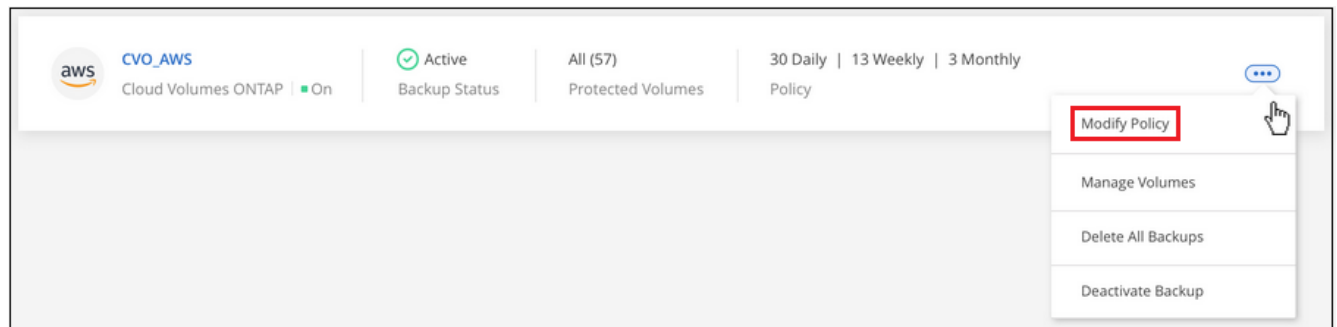
Changing the backup policy affects both new volumes created after you change the schedule, and any existing volumes that were using the original policy.

Steps

1. From the Backup Dashboard, select **Backup Settings**.



- From the *Backup Settings* page, click ... for the working environment where you want to change the settings and select **Modify Policy**.



- From the *Modify Policy* page, change the schedule and backup retention and then click **Save**.

Modify Policy

Backup Policy
☒ Create a New Policy
 ☐ Select an Existing Policy

☒ **Daily**
 Number of backups to retain: 30

☐ **Weekly**
 Number of backups to retain:

☐ **Monthly**
 Number of backups to retain:

DP Volumes
 Data protection volume backups use the same retention period as defined in the source SnapMirror relationship by default. Use the API if you want to change this value

S3 Bucket
 Cloud Manager will create the S3 bucket after you complete the wizard

Starting and stopping backups of volumes

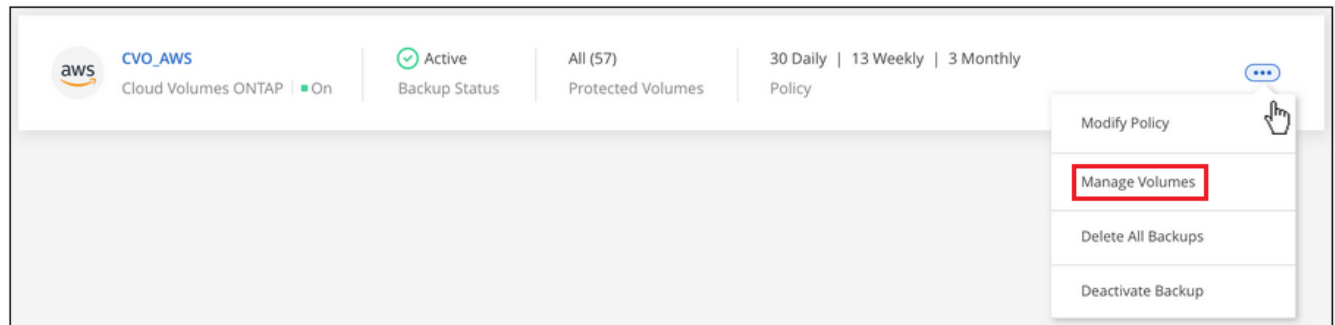
You can stop backing up a volume if you do not need backup copies of that volume and you do not want to pay for the cost to store the backups. You can also add a new volume to the backup list if it is not currently being backed up.

Steps

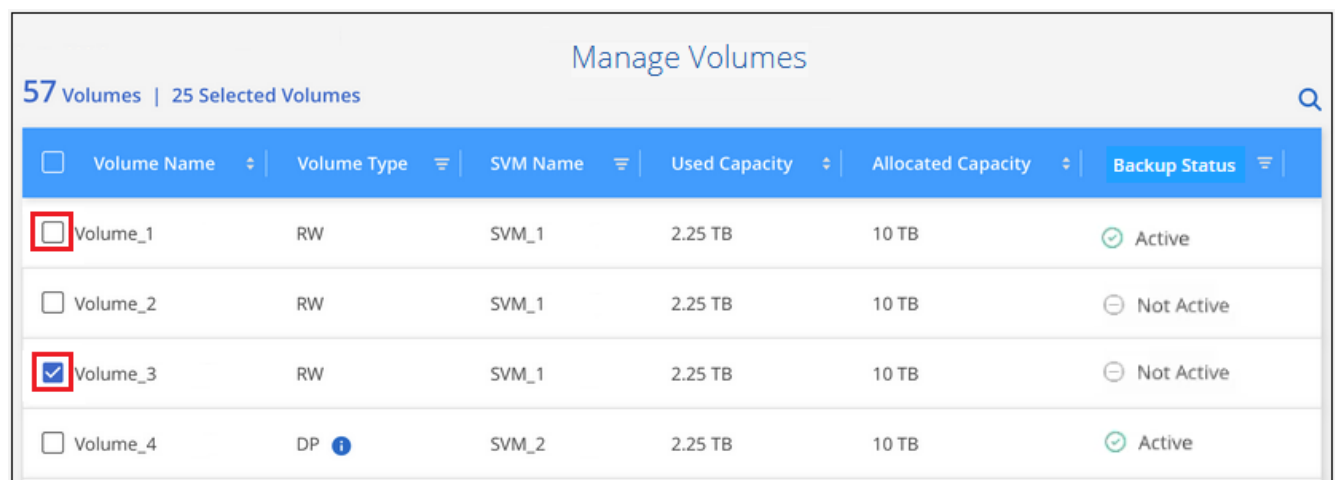
- From the Backup Dashboard, select **Backup Settings**.



2. From the *Backup Settings* page, click ... for the working environment and select **Manage Volumes**.



3. Select the checkbox for volumes that you want to start backing up, and deselect the checkbox for volumes that you want to stop backing up.



4. Click **Save** to commit your changes.

Note: When stopping a volume from being backed up you'll continue to be charged by your cloud provider for object storage costs for the capacity that the backups use unless you [delete the backups](#).

Viewing the list of backups for each volume

You can view the list of all backup files that exist for each volume. This page displays details about the source volume, destination location, and backup details such as last backup taken, the current backup policy, and more.

This page also enables you perform the following tasks:

- Delete all backup files for the volume

- Delete individual backup files for the volume
- Download a backup report for the volume

Steps

1. From the Backup Dashboard, click ... for the source volume and select **Details & Backup List**.

The screenshot shows the Backup Dashboard interface. At the top, there are tabs for 'Backup' and 'Restore'. Below them is a dropdown menu for 'All Backup Working Environments' and a 'Backup Settings' button. The dashboard displays summary statistics: 1 Working Environment, 57 Protected Volumes, and 15.1 TB Total Backup Capacity. A 'Protected Volumes Status' section shows 57 Healthy Backup Volumes and 0 Failed Backup Volumes. The main section is titled '57 Backups' and contains a table with columns: Source Working Environment, Source Volume, Source SVM, Last Backup, Backups, and Backup Status. The table lists three backup entries for 'CVO_AWS' source volumes. A dropdown menu is open for the first entry, showing options: 'Details & Backup List' (highlighted with a red box) and 'Pause'.

The list of all backup files (snapshots) is displayed along with details about the source volume, destination location, and backup details.

The screenshot shows the Backup Details page. It is divided into three main sections: Source, Destination, and Backup Information. The Source section lists details for the source volume, including Working Environment, Type, Provider, Volume, and SVM. The Destination section lists details for the backup destination, including Cloud Provider, Bucket, Region, and Account ID. The Backup Information section lists details about the backup process, including Relationship Status, Last Backup, Lag Duration, Backups, and Backup Policy. Below these sections is a table titled '2,050 Snapshots' with columns for Snapshot Name and Date. The table lists three snapshot entries. A search bar and a 'Select Timeframe' dropdown are located above the table. An 'Actions' dropdown menu is also visible.

Deleting backups

Cloud Backup enables you to delete a single backup file, delete all backups for a volume, or delete all backups

of all volumes in a working environment. You might want to delete all backups if you no longer need the backups or if you deleted the source volume and want to remove all backups.

Note that deleting all backups does not disable further backups of this volume or the working environment. If you want to stop creating backups of a volume, you can disable backups [as described here](#). If you want to stop creating backups of all volumes in a working environment, you can deactivate backups [as described here](#).



If you plan to delete a Cloud Volumes ONTAP or on-premises ONTAP system that has backups, you must delete the backups **before** deleting the system. Cloud Backup doesn't automatically delete backups when you delete a system, and there is no current support in the UI to delete the backups after the system has been deleted. You'll continue to be charged for object storage costs for any remaining backups.

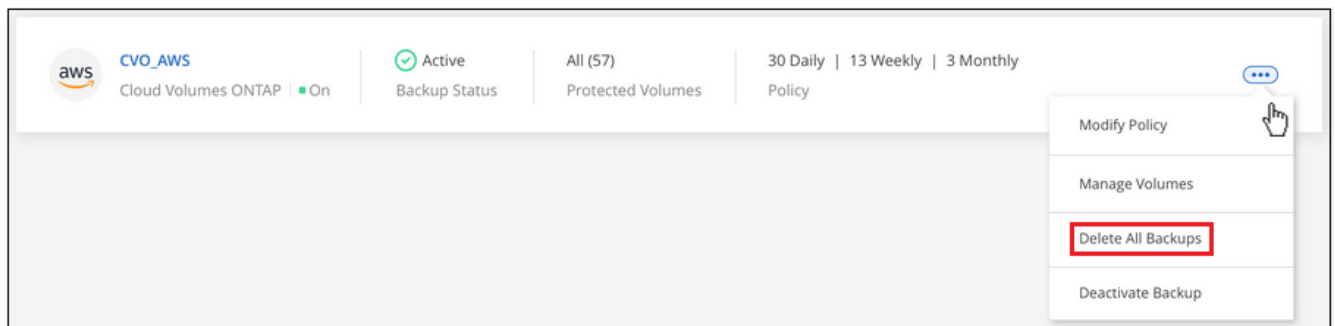
Deleting all backup files for a working environment

Steps

1. From the Backup Dashboard, select **Backup Settings**.



2. Click ... for the working environment where you want to delete all backups and select **Delete All Backups**.



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

Deleting all backup files for a volume

Steps

1. From the Backup Dashboard, click ... for the source volume and select **Details & Backup List**.

Backup Restore

All Backup Working Environments

Backup Settings

1 Working Environments | 57 Protected Volumes | 15.1 TB Total Backup Capacity

Protected Volumes Status

57 Healthy Backup Volumes | 0 Failed Backup Volumes

57 Backups

Source Working Environment	Source Volume	Source SVM	Last Backup	Backups	Backup Status
CVO_AWS On	Source Volume Name On	Source SVM Name	May 22 2019, 00:00:00	2,050 Backups	Active
CVO_AWS On	Source Volume Name On	Source SVM Name	May 22 2019, 00:00:00	2,050 Backups	Details & Backup List
CVO_AWS On	Source Volume Name On	Source SVM Name	May 22 2019, 00:00:00	2,050 Backups	Pause

The list of all backup files (snapshots) is displayed.

Source

Working Environment: Working Environment N...

Type: Cloud Volumes ONTAP (HA)

Provider: AWS

Volume: Volume Name

SVM: SVM Name

Destination

Cloud Provider: AWS

Bucket: Backup Bucket Name

Region: US East (N. Virginia)

Account ID: 012345678901234567890

Backup Information

Relationship Status: Failed

Last Backup: May 22 2019, 00:00:00

Lag Duration: 28 days ago

Backups: 2,050

Backup Policy: Netapp7YearsRetention

2,050 Snapshots

Select Timeframe

Actions

Snapshot Name	Date
Snapshot Very Long Name	May 22 2019, 00:00:00
Snapshot Very Long Name	May 22 2019, 00:00:00
Snapshot Very Long Name	May 22 2019, 00:00:00

2. Click **Actions** > **Delete all Snapshots**.

2,050 Snapshots

Select Timeframe

Actions

Delete All Snapshots

Download Backup Report

Snapshot Name	Date
Snapshot Very Long Name	May 22 2019, 00:00:00
Snapshot Very Long Name	May 22 2019, 00:00:00

3. In the confirmation dialog box, enter the volume name and click **Delete**.

Deleting a single backup file for a volume

You can delete a single backup file. This feature is available only if the volume backup was created from a system with ONTAP 9.8 or greater.

Steps

1. From the Backup Dashboard, click ... for the source volume and select **Details & Backup List**.

The screenshot shows the Backup Dashboard with the 'Backups' tab selected. The dashboard displays summary statistics: 1 Working Environment, 57 Protected Volumes, and 15.1 TB Total Backup Capacity. The 'Protected Volumes Status' shows 57 Healthy Backup Volumes and 0 Failed Backup Volumes. Below this, a table lists 57 Backups. The table has columns for Source Working Environment, Source Volume, Source SVM, Last Backup, Backups, and Backup Status. A dropdown menu is open for the first row, showing 'Details & Backup List' and 'Pause' options.

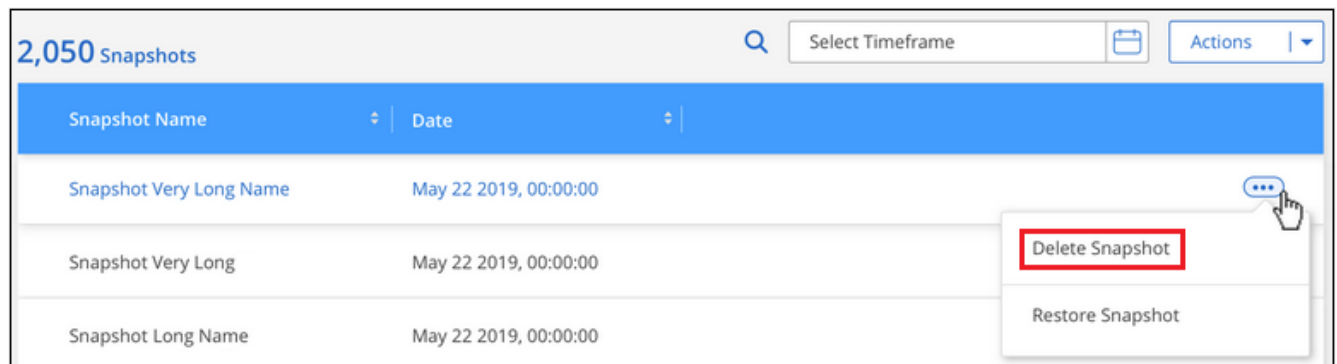
Source Working Environment	Source Volume	Source SVM	Last Backup	Backups	Backup Status
CVO_AWS	Source Volume Name	Source SVM Name	May 22 2019, 00:00:00	2,050 Backups	Active
CVO_AWS	Source Volume Name	Source SVM Name	May 22 2019, 00:00:00	2,050 Backups	
CVO_AWS	Source Volume Name	Source SVM Name	May 22 2019, 00:00:00	2,050 Backups	

The list of all backup files (snapshots) is displayed.

The screenshot shows the 'Details & Backup List' page. It is divided into three main sections: Source, Destination, and Backup Information. The Source section shows Working Environment, Type, Provider, Volume, and SVM. The Destination section shows Cloud Provider, Bucket, Region, and Account ID. The Backup Information section shows Relationship Status, Last Backup, Lag Duration, Backups, and Backup Policy. Below these sections, a table lists 2,050 Snapshots. The table has columns for Snapshot Name and Date. A dropdown menu is open for the first row, showing 'Delete Snapshot' and 'Pause' options.

Snapshot Name	Date
Snapshot Very Long Name	May 22 2019, 00:00:00
Snapshot Very Long Name	May 22 2019, 00:00:00
Snapshot Very Long Name	May 22 2019, 00:00:00

2. Click ... for the volume snapshot you want to delete and click **Delete Snapshot**.



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

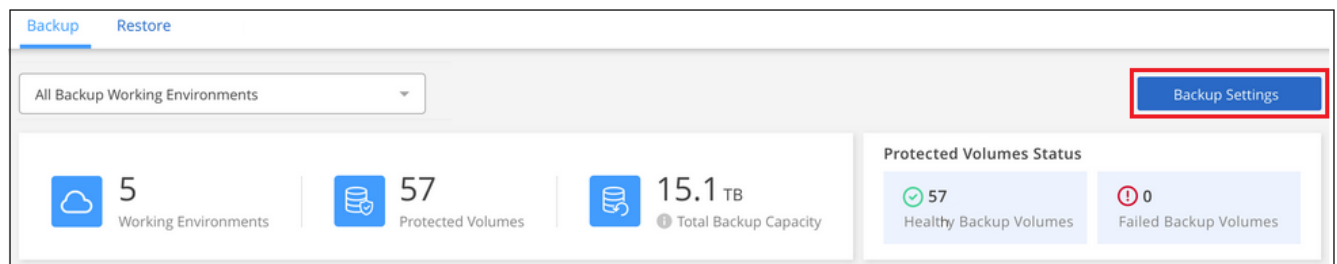
Disabling Cloud Backup for a working environment

Disabling Cloud Backup for a working environment disables backups of each volume on the system, and it also disables the ability to restore a volume. Any existing backups will not be deleted.

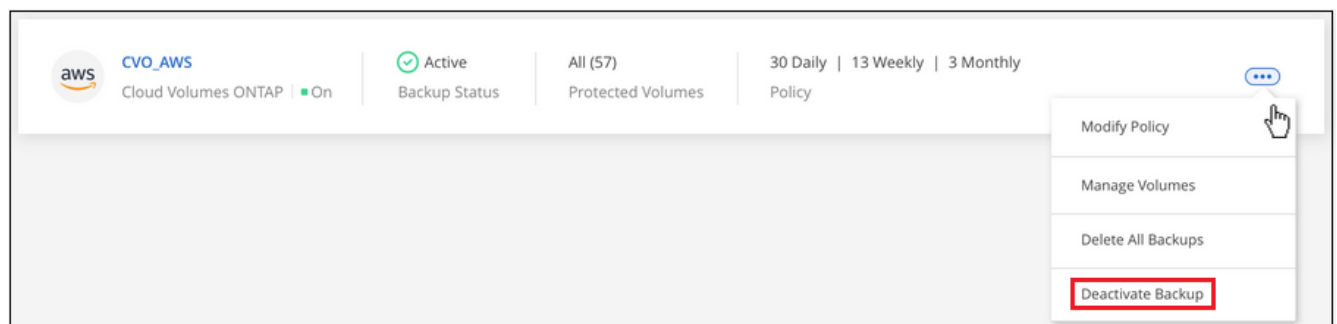
Note that you'll continue to be charged by your cloud provider for object storage costs for the capacity that your backups use unless you [delete the backups](#).

Steps

1. From the Backup Dashboard, select **Backup Settings**.



2. From the *Backup Settings* page, click ... for the working environment where you want to disable backups and select **Deactivate Backup**.



3. In the confirmation dialog box, click **Deactivate**.

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