

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

Manage backups for Cloud Volumes ONTAP and on-premises ONTAP systems by changing the backup schedule, restoring volumes, deleting backups, and more.


Changing the schedule and backup retention

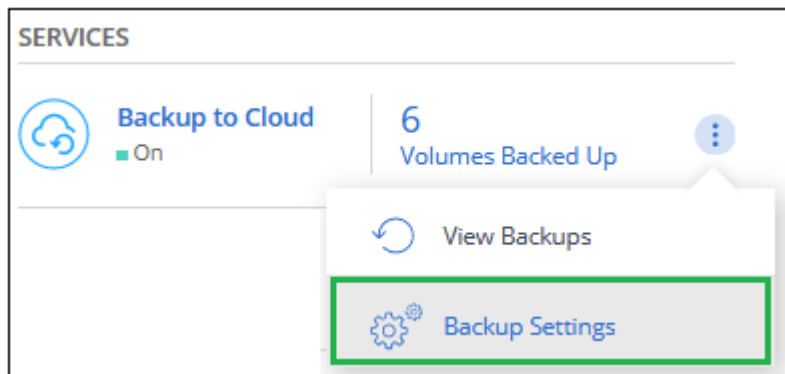
The default policy backs up volumes every day and retains the most recent 30 backup copies of each volume. You can change to weekly or monthly backups and you can change the number of backup copies to retain. You can also select one of the system-defined policies that provide scheduled backups for 3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




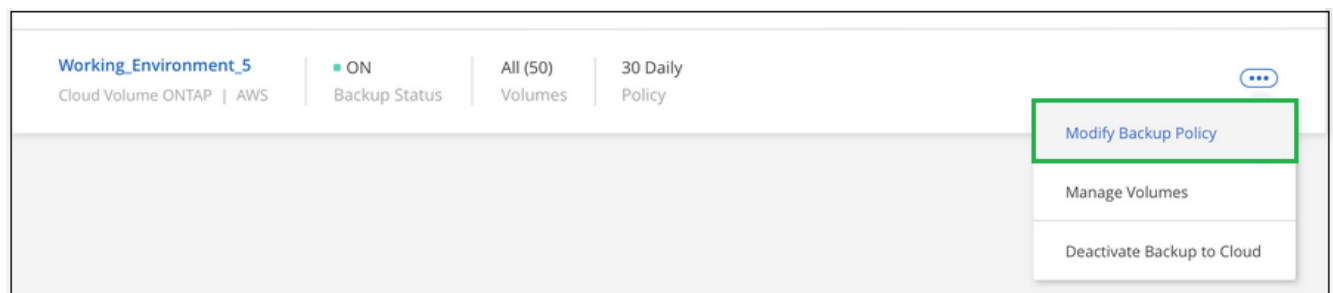
Changing the backup policy affects only new volumes created after you change the schedule. It doesn't affect the schedule for any existing volumes.

Steps

1. Select the working environment.
2. Click  and select **Backup Settings**.



3. From the *Backup Settings* page, click  for the working environment and select **Modify Backup Policy**.



4. From the *Modify Backup Policy* page, change the schedule and backup retention and then click

Save.

Modify Backup Policy

Policy - Retention & Schedule

☒ Create a New Policy

☐ Select an Existing Policy

Backup Every

Day

Number of backups to retain

30

!

Note: The new backup policy is only applied to volumes created after the change. The backup policy for existing volumes cannot be changed.

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


Information

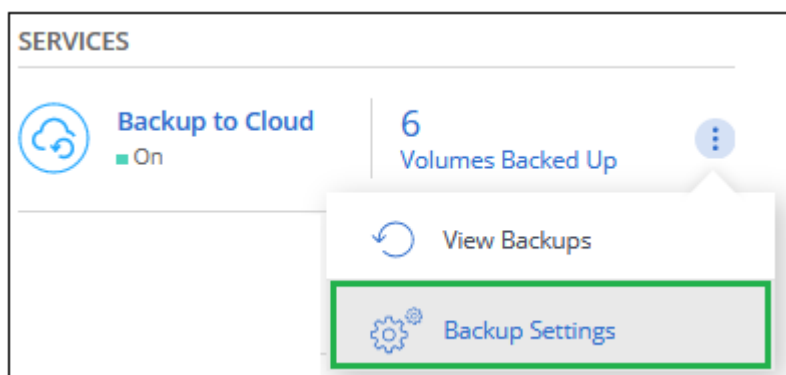
Backup_Bucket_Name
Bucket Name

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

1. Select the working environment.
2. Click  and select **Backup Settings**.



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

The screenshot shows the Cloud Manager interface with two working environments listed:

- Working Environment 1:** On-Premises | AZURE, Backup Status: ON, All (57) Volumes, Policy: 30 Daily | 13 Weekly | 3 Monthly.
- Working Environment 2:** Cloud Volume ONTAP | Azure, Backup Status: ON, All (50) Volumes, Policy: 30 Daily | 13 Weekly | 3 Monthly | 1 Yearly.

A dropdown menu is open for 'Working Environment 2', showing three options: 'Modify Backup Policy', 'Manage Volumes' (highlighted with a green border), and 'Deactivate Backup to Cloud'.

4. 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.

Manage Volumes

57 Volumes | 25 Selected Volumes

<input type="checkbox"/>	Volume Name	Volume Type	SVM Name	Used Capacity	Allocated Capacity	Volume Status
<input type="checkbox"/>	Volume_Name_1	RW	SVM_Name_1	2.25 TB	10 TB	Active
<input type="checkbox"/>	Volume_Name_2	RW	SVM_Name_2	2.25 TB	10 TB	Active
<input checked="" type="checkbox"/>	Volume_Name_3	RW	SVM_Name_3	2.25 TB	10 TB	Active
<input type="checkbox"/>	Volume_Name_4	DP 1	SVM_Name_4	2.25 TB	10 TB	Active

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](#).

Restoring a volume from a backup

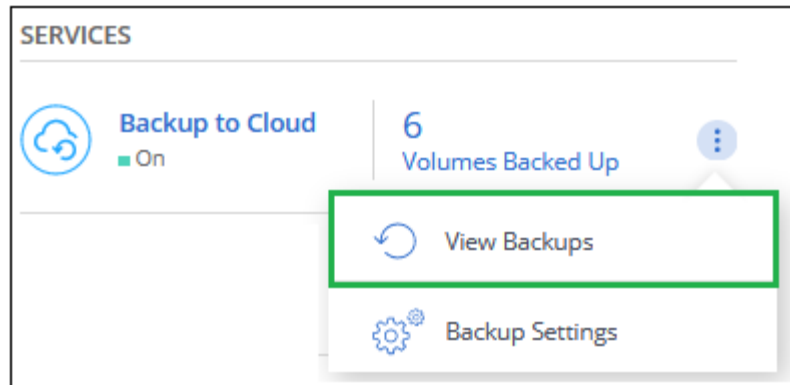
When you restore data from a backup, Cloud Manager creates a *new* volume using the data from the backup. You can restore the data to a volume in the same working environment or to a different working environment that's located in the same cloud account as the source working environment. Because the backup does not contain any snapshots, the newly restored volume does not either.



Backups created from on-premises ONTAP systems can be restored only to Cloud Volumes ONTAP systems that use the same cloud provider as where the backup resides. Restoring a backup is not currently supported using the Cloud Manager UI. You can use the API if you need to restore a backup at this time. Restore using the UI will be addressed shortly.

Steps

1. Select the working environment.
2. Click and select **View Backups**.

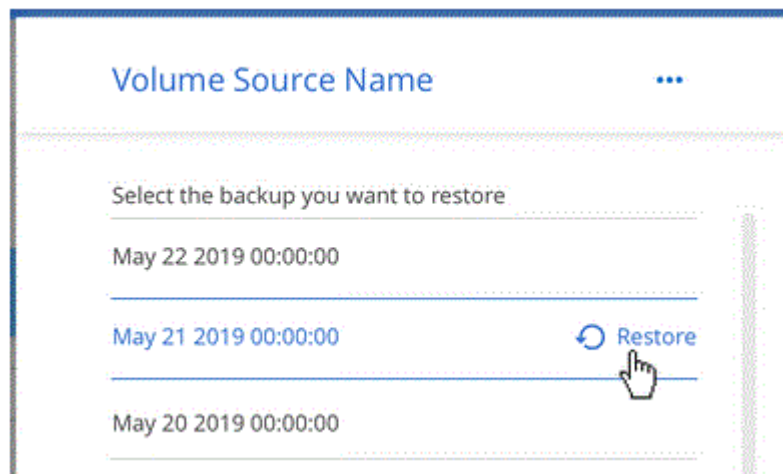


3. Select the row for the volume that you want to restore and click **View Backup List**.

6 of 16 Volumes

Working Environment ↓↑	Source Volume ↓↑	Last Backup ↓↑	Policy & Retention ↓↑	Relationship Status	
gfcDevQaSaCvo (On)	cifsvol9 (Available)	Aug 13, 2020 02:00:12 PM UTC	30 Daily	Active (Idle)	View Backup List
gfcDevQaSaCvo (On)	smbvol (Available)	Aug 13, 2020 02:00:33 PM UTC	30 Daily	Active (Idle)	View Backup List

4. Find the backup that you want to restore and click the **Restore** icon.



5. Fill out the *Restore Backup to new volume* page:

- Select the working environment to which you want to restore the volume.
- Enter a name for the volume.
- Click **Restore**.

Result

Cloud Manager creates a new volume based on the backup you selected. You can [manage this new volume](#) as required.

Deleting backups

Backup to Cloud enables you to delete *all* backups of a specific volume. You can't delete *individual* backups.

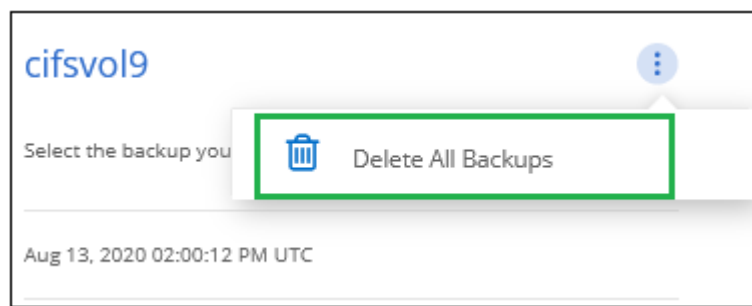
You might do this if you no longer need the backups or if you deleted the source volume and want to remove all backups.



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. Backup to Cloud 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.

Steps

1. At the top of Cloud Manager, click **Backup**.
2. From the volume list, find the volume and click **View Backup List**.
3. Click **...** and select **Delete All Backups**.



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

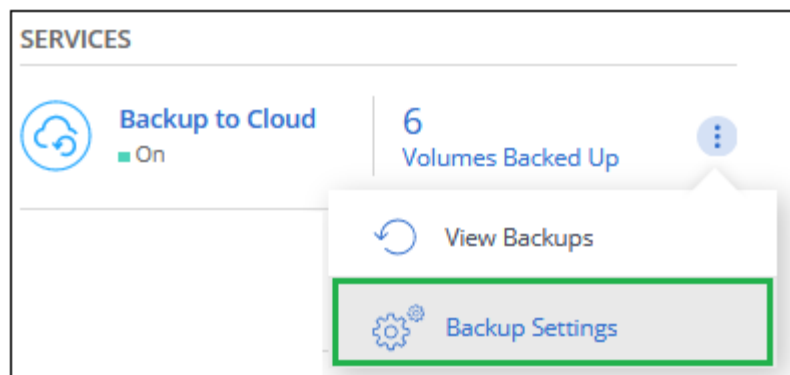
Disabling Backup to Cloud

Disabling Backup to Cloud 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.

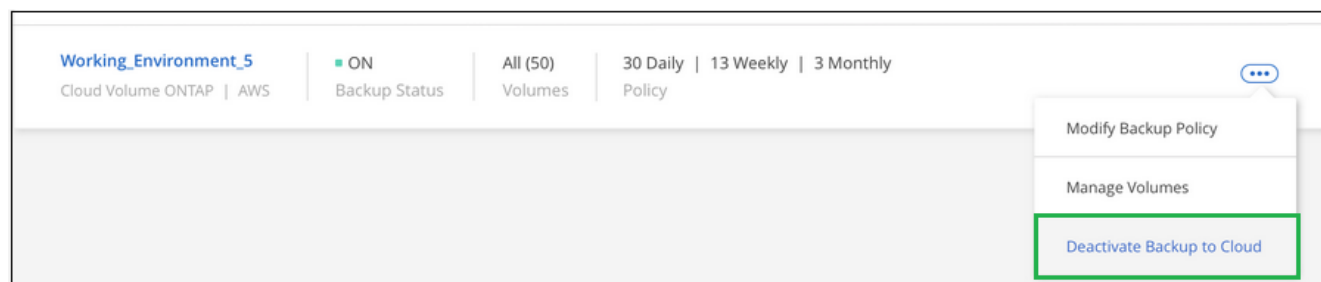
Note that you'll continue to be charged by your cloud provider for object storage costs for the capacity that your backups use unless you delete the backups.

Steps

1. Select the working environment.
2. Click **...** and select **Backup Settings**.



3. From the *Backup Settings* page, click ... for the working environment and select **Deactivate Backup to Cloud**.



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

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