



Backing up data to Azure Blob storage

Cloud Manager

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Backing up data to Azure Blob storage

Complete a few steps to get started backing up data from Cloud Volumes ONTAP to Azure Blob storage.

Quick start

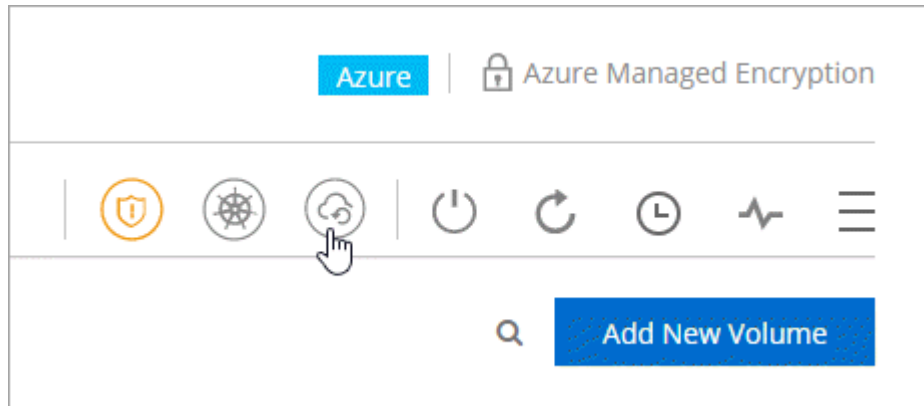
Get started quickly by following these steps or scroll down to the remaining sections for full details.

1 Verify support for your configuration

You're running Cloud Volumes ONTAP 9.7 or later in Azure.

2 Enable Backup to Cloud on your new or existing system

- New systems: Backup to Cloud is enabled by default in the working environment wizard. Be sure to keep the option enabled.
- Existing systems: Open the working environment, click the backup settings icon and enable backups.



3 If needed, modify the backup policy

The default policy backs up volumes every day and retains the most recent 30 backup copies of each volume. Change to weekly or monthly backups, or select one of the system-defined policies that provide more options.

On existing systems, you can pick your own resource group when enabling Backup to Cloud for the first time. If you enable Backup to Cloud when Cloud Volumes ONTAP is deployed, Cloud Manager creates the resource group for you and you cannot change it.



Backup to Cloud Settings

Backup Working Environment

☒ Automatically back up all volumes

Policy - Retention & Schedule

☒ Create New Policy ☐ Use Existing Policy

Backup Every

Day

Number of backups to retain

30

Resource Group

Resource Group

Please select

Automatically create a resource group

Create a new resource group

Select an existing resource group

a new resource group with a storage account for the
source group after enabling Backup to Cloud.

Save

Cancel



Restore your data, as needed

At the top of Cloud Manager, click **Backup**, select a volume, select a backup, and then restore data from the backup to a new volume.

vol1



Select the backup you want to restore

Feb 7, 2020 02:56:10 PM UTC



Requirements

Read the following requirements to make sure that you have a supported configuration before you start backing up volumes to Azure Blob storage.

Supported ONTAP versions

Cloud Volumes ONTAP 9.7 and later.

Supported Azure regions

Backup to Cloud is supported in all Azure regions [where Cloud Volumes ONTAP is supported](#).

Azure Marketplace subscription

A subscription through the Azure Marketplace is required before you enable Backup to Cloud. [You can subscribe from the Details & Credentials page of the working environment wizard](#).

Enabling Backup to Cloud on a new system

Backup to Cloud is enabled by default in the working environment wizard. Be sure to keep the option enabled.



If you want to pick the name of the resource group, **disable** Backup to Cloud when deploying Cloud Volumes ONTAP. Follow the steps for [enabling backup to cloud on an existing system](#) to enable Backup to Cloud and choose the resource group.

Steps

1. Click **Create Cloud Volumes ONTAP**.
2. Select Microsoft Azure as the cloud provider and then choose a single node or HA system.
3. Fill out the Details & Credentials page and be sure that an Azure Marketplace subscription is in place.
4. On the Services page, leave the service enabled and click **Continue**.

Backup to Cloud

Integrated backup for Cloud Volumes ONTAP based on SnapMirror and Snapshot technologies. Backup copies are maintained in Storage Accounts. Backups stored in Storage Accounts are charged separately from Cloud Volumes ONTAP.

ADVANTAGES	CLARIFICATIONS
✓ Automatically back up all volumes.	> Backup settings are editable after working environment creation.
✓ Creates new backup copy every day.	
✓ Retains backups for 30 days.	

5. Complete the pages in the wizard to deploy the system.

Result

Backup to Cloud is enabled on the system and backs up volumes every day and retains the most recent 30 backup copies.

What's next?

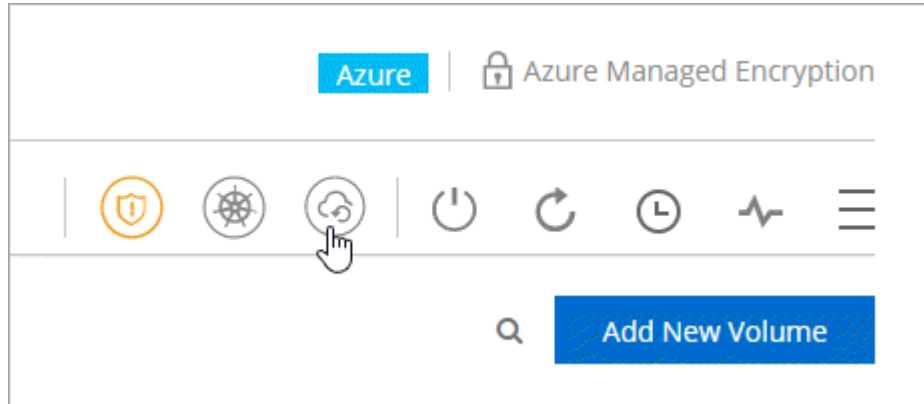
You can manage backups by changing the backup schedule, restoring volumes, and more.

Enabling Backup to Cloud on an existing system

Enable Backup to Cloud at any time directly from the working environment.

Steps

1. Open the working environment.
2. Click the backup settings icon.



3. Select **Automatically back up all volumes**.
4. Choose your backup schedule and retention value.

Backup to Cloud Settings

Backup Working Environment

☒ Automatically back up all volumes

Policy - Retention & Schedule

☒ Create New Policy

☐ Use Existing Policy

Backup Every

Day

Number of backups to retain

30

Resource Group

Resource Group

Please select

Automatically create a resource group

Create a new resource group

Select an existing resource group

Create a new resource group with a storage account for the resource group after enabling Backup to Cloud.

Save

Cancel

5. Choose how the resource group is created and click **Save**.

- **Automatically create a resource group** - Cloud Manager creates a resource group
- **Create a new resource group** - You create the resource group
- **Select an existing resource group** - You select an existing resource group

Result

Backup to Cloud starts taking the initial backups of each volume.

What's next?

[You can manage backups by changing the backup schedule, restoring volumes, and more.](#)

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