



Managing Cloud Volumes Service for AWS

Cloud Manager

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Managing Cloud Volumes Service for AWS

Cloud Manager enables you to discover the NFS cloud volumes in your [Cloud Volumes Service for AWS](#) subscription. After discovery, you can add additional NFS cloud volumes directly from Cloud Manager.



Cloud Manager does not support SMB or dual-protocol volumes with Cloud Volumes Service for AWS.

Before you get started

- Cloud Manager enables discovery of *existing* Cloud Volumes Service for AWS subscriptions. See the [NetApp Cloud Volumes Service for AWS Account Setup Guide](#) if you haven't set up your subscription yet.

You must follow this setup process for each region and provision your first volume from Cloud Volumes Service before you can discover the region in Cloud Manager.

- You need to obtain the Cloud Volumes API key and secret key so you can provide them to Cloud Manager. [For instructions, refer to Cloud Volumes Service for AWS documentation.](#)

Discovering your Cloud Volumes Service for AWS subscription


To get started, you need to discover the cloud volumes in an AWS region. You can discover additional regions later.

Steps

1. On the Working Environments page, click **Discover**.
2. Select **Cloud Volumes Service for AWS**.


Discover

Select the storage that you'd like to discover: an ONTAP cluster, an existing Cloud Volumes ONTAP system, or the cloud volumes in your Cloud Volumes Service for AWS subscription.




ONTAP Cluster

[Learn More](#)



Cloud Volumes ONTAP

[Learn More](#)



Cloud Volumes Service for AWS

[Learn More](#)

New

3. Provide information about your Cloud Volumes Service subscription:

- Select the AWS region where your cloud volumes reside.
- Enter the Cloud Volumes API key and secret key. [For instructions, refer to Cloud Volumes Service for AWS documentation.](#)
- Click **Go**.

Cloud Volumes Service Details

Provide a few details about your Cloud Volumes Service subscription so Cloud Manager can discover your cloud volumes.

Location

AWS Region

US West | Oregon

Credentials

Cloud Volumes Service API Key

.....

Cloud Volumes Service Secret Key

.....

Result

Cloud Manager should now display your Cloud Volumes Service for AWS configuration on the Working Environments page.



Discovering additional regions

If you have cloud volumes in additional regions, you need to discover each individual region.

Steps

1. On the Working Environments page, select the working environment (but don't open it by double-clicking).
2. In the right pane, click **Discover Cloud Volumes Service in another region**.

Cloud Volumes Service for AWS

1.85 TiB

Allocated Capacity

15.05 GiB

Used Capacity

1

Regions

15

Volumes



Add New Volume



Discover Cloud Volumes Service in another region

View Volumes

3. Provide information about your Cloud Volumes Service subscription:

- Select the AWS region where your cloud volumes reside.
- Enter the Cloud Volumes API key and secret key. [For instructions, refer to Cloud Volumes Service for AWS documentation.](#)
- Click **Go**.

Result

Cloud Manager discovers information about the cloud volumes in the selected region.

Creating cloud volumes

Cloud Manager enables you to create NFSv3 cloud volumes. You can only create cloud volumes with an initial size and single export policy. Editing the volume must be done from the Cloud Volume Service

user interface.

1. Open the working environment.
2. Click **Add New Volume**.
3. Enter details about the volume:
 - a. Enter a name for the volume.
 - b. Specify a size within the range of 100 GiB to 90,000 GiB (equivalent to 88 TiBs).



Cloud Manager displays volumes in GiB, while the Cloud Volumes Service displays volumes in GB.

- c. Specify a service level: Standard, Premium, or Extreme.

[Learn more about these service levels.](#)

- d. Choose a region. You can create the volume in a region that Cloud Manager has discovered.
- e. Restrict client access by specifying an IP address or Classless Inter-Domain Routing (CIDR).

Details

Volume Name

vol1

Size (GiB)

800



Service Level

Premium



AWS Region

us-west-2 | US West (Oregon)



Export Policy

Allowed Clients

10.10.5.0/32



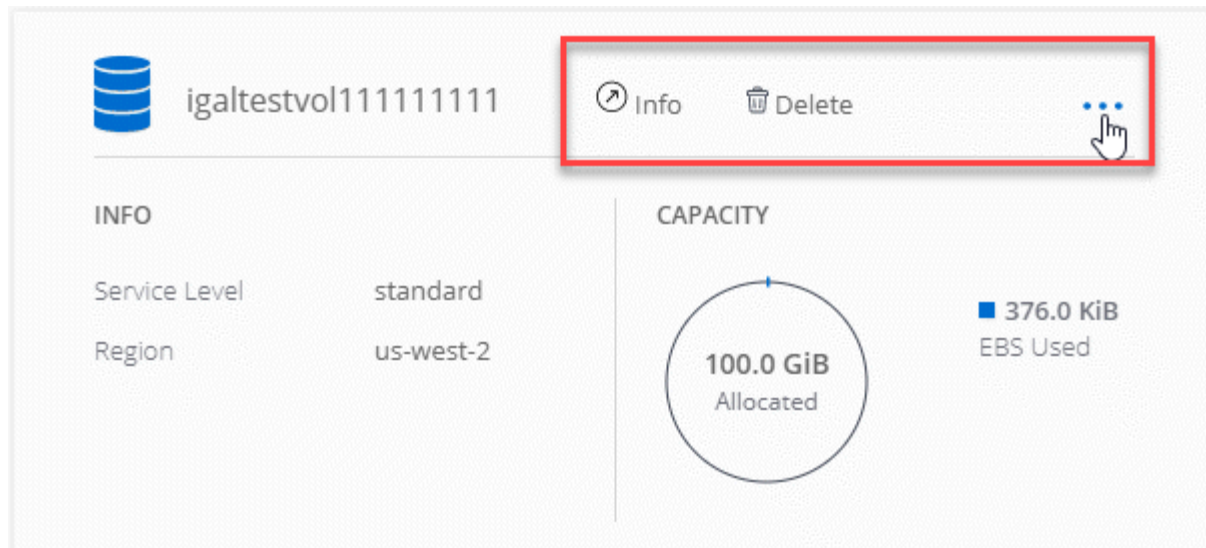
4. Click **Go**.

Deleting cloud volumes

Delete the cloud volumes that you no longer need.

Steps

1. Open the working environment.
2. Hover over the volume and click the menu. Click **Delete**.



3. Confirm that you want to delete the volume.

Getting help

Use the Cloud Manager chat for general service questions.

For technical support issues associated with your cloud volumes, use your 20 digit “930” serial number located in the "Support" tab of the Cloud Volumes Service user interface. Use this support ID when opening a web ticket or calling for support. Be sure to activate your Cloud Volumes Service serial number for support from the Cloud Volumes Service user interface. [Those steps are explained here.](#)

Limitations

- Cloud Manager does not support SMB or dual-protocol volumes.
- You can only create cloud volumes with an initial size and single export policy. Editing the volume must be done from the Cloud Volume Service user interface.
- Cloud Manager doesn't support data replication to or from a Cloud Volumes Service for AWS subscription.
- Removing your Cloud Volumes Service for AWS subscription from Cloud Manager isn't supported. There are no charges to discover a region from Cloud Manager.

Related links

- [NetApp Cloud Central: Cloud Volumes Service for AWS](#)
- [NetApp Cloud Volumes Service for AWS documentation](#)

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