



# **Creating and managing volumes for Azure NetApp Files**

## **Cloud Manager**

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# Creating and managing volumes for Azure NetApp Files

After you set up your working environment, you can create and manage Azure NetApp Files accounts, capacity pools, volumes, and snapshots.

## Creating volumes

You can create NFS or SMB volumes in a new or existing Azure NetApp Files account.

### Steps

1. Open the Azure NetApp Files working environment.
2. Click **Add New Volume**.
3. Provide the required information on each page:
  - **Azure NetApp Files Account:** Choose an existing Azure NetApp Files account or create a new account.

Azure NetApp Files Account

Choose an Azure NetApp Files account: ☐ Select existing account ☒ Create new account

Account Name: anf1

Location: West US

Azure Subscription: OCCM Dev

Resource Group: ☒ Create new ☐ Use existing

Resource Group Name: anf

- **Capacity Pool:** Select an existing capacity pool or create a new capacity pool.

If you create a new capacity pool, you need to specify a size and select a [service level](#).

The minimum size for the capacity pool is 4 TB. You can specify a size in multiples of 4 TB.

- **Details & Tags:** Enter a volume name and size, the VNet and subnet where the volume should reside, and optionally specify tags for the volume.
- **Protocol:** Choose the NFS or SMB protocol and enter the required information.

Here's an example of details for NFS.

The screenshot shows the 'Protocol' configuration window. At the top, it says 'Protocol'. Below that, there's a section 'Select the volume's protocol:' with two radio buttons: 'NFS Protocol' (selected) and 'SMB Protocol'. Underneath, there's a 'Volume Path' field with 'vol1' entered. To the right, there's an 'Allowed Client & Access' section with a list of IP addresses and permissions. The first entry is '192.168.1.22/24' with 'Read & Write' selected. Below that, there's a 'Select NFS Version:' section with two checkboxes: 'NFSv3' (checked) and 'NFSv4.1'. Another 'Allowed Client & Access' entry is shown below with '192.168.1.22/24' and 'Read & Write' selected.

Here's an example of details for SMB. You'll need to provide Active Directory information when you set up your first SMB volume.

The screenshot shows the 'Protocol' configuration window. At the top, it says 'Protocol'. Below that, there's a section 'Select the volume's protocol:' with two radio buttons: 'NFS Protocol' and 'SMB Protocol' (selected). Underneath, there's a 'Share Name' field with 'vol1' entered. To the right, there's an 'Active Directory' section with the text 'Choose an Active Directory connection joined to your Azure NetApp Files account'. Below that, there's a dropdown menu labeled 'Active Directory' with 'ActiveDirectory1' selected.

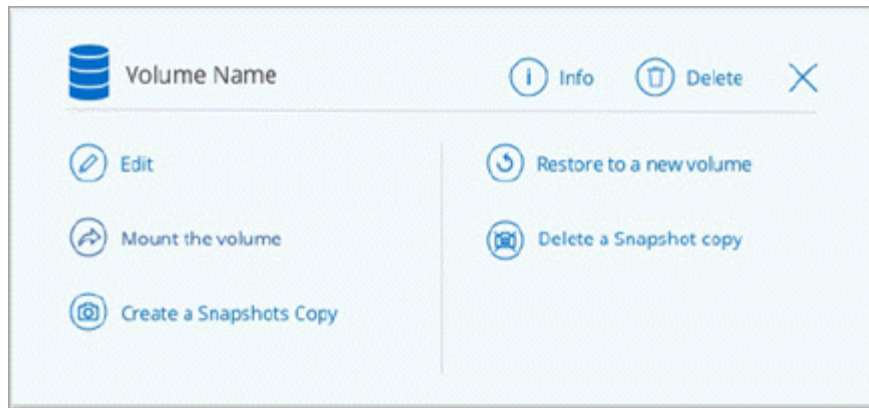
4. Click **Add Volume**.

## Mounting volumes

Access mounting instructions from within Cloud Manager so you can mount the volume to a host.

### Steps

1. Open the working environment.
2. Hover over the volume and select **Mount the volume**.



3. Follow the instructions to mount the volume.

## Editing a volume's size and tags

After you create a volume, you can modify its size and tags at any time.

### Steps

1. Open the working environment.
2. Hover over the volume and select **Edit**.
3. Modify the size and tags as needed.
4. Click **Apply**.

## Managing Snapshot copies

Snapshot copies provide a point-in-time copy of your volume. Create Snapshot copies, restore the data to a new volume, and delete Snapshot copies.

### Steps

1. Open the working environment.
2. Hover over the volume and choose one of the available options to manage Snapshot copies:
  - **Create a Snapshot copy**
  - **Restore to a new volume**
  - **Delete a Snapshot copy**
3. Follow the prompts to complete the selected action.

## Deleting volumes

Delete the volumes that you no longer need.

### Steps

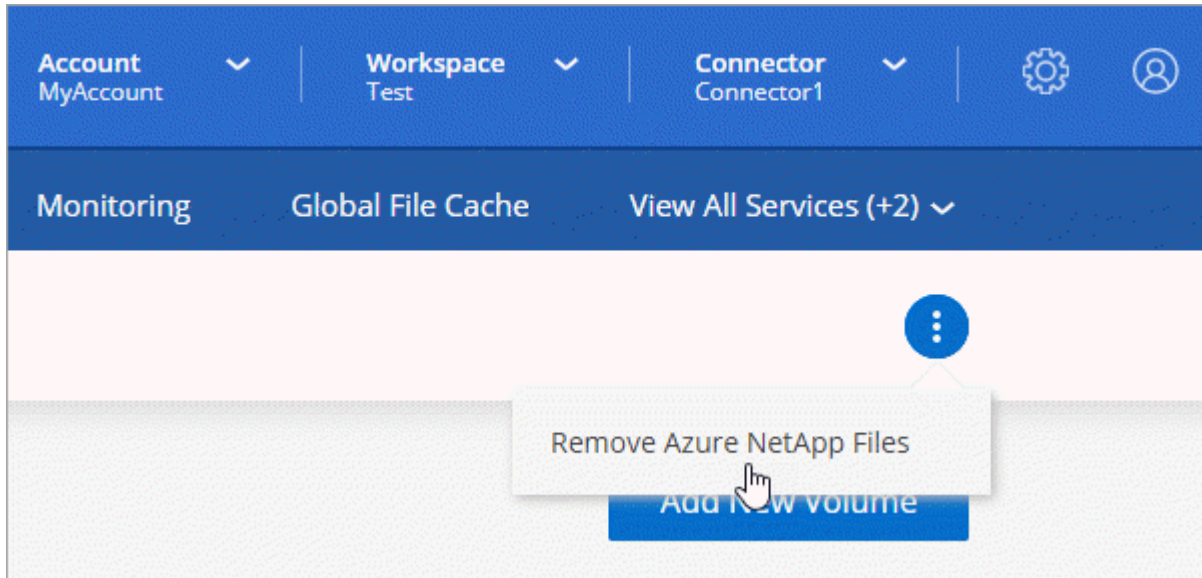
1. Open the working environment.
2. Hover over the volume and click **Delete**.
3. Confirm that you want to delete the volume.

# Removing Azure NetApp Files

This action removes Azure NetApp Files from Cloud Manager. It doesn't delete your Azure NetApp Files account or volumes. You can add Azure NetApp Files back to Cloud Manager at any time.

## Steps

1. Open the Azure NetApp Files working environment.
2. At the top right of the page, select the actions menu and click **Remove Azure NetApp Files**.



3. Click **Remove** to confirm.

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