



Use Azure NetApp Files

Azure NetApp Files

NetApp

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Table of Contents

- Use Azure NetApp Files 1
 - Create and mount volumes 1
 - Create volumes 1
 - Mount volumes 4
 - Manage existing volumes 5
 - Edit a volume’s size and tags 5
 - Change the volume’s service level 5
 - Manage Snapshot copies 6
 - Delete volumes 6
 - Remove Azure NetApp Files from the NetApp Console 6

Use Azure NetApp Files

Create and mount volumes

After you set up your system, you can create Azure NetApp Files accounts, capacity pools, and volumes.

Create volumes

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

Before you begin

- If you want to use SMB, you must have set up DNS and Active Directory.
- When planning to create an SMB volume, you must have a Windows Active Directory server available to which you can connect. You will enter this information when creating the volume.

Steps

1. Open the Azure NetApp Files system.
2. Select **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. When creating a new account, you must also select the resource group. You can use an existing resource group or create a new one.
 - **Capacity Pool:** Select an existing capacity pool or create a new capacity pool.

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

The minimum size for a capacity pool is 1 TB.

✓ Account

2 Capacity Pool

3 Details & tags

4 Protocol

5 Snapshot Copy

Capacity Pool

Choose a capacity pool: ☐ Select existing capacity pool ☒ Create new capacity pool

Capacity Pool Name

Size (TiB) ⓘ

>=1 T...

Service Level

Standard ▼

Continue

- **Details & Tags:** Enter the volume name and size, the VNet and subnet where the volume should reside, and optionally specify tags for the volume. Choose **Standard** or **Basic** networking. **Standard** supports virtual network (VNet) features while **Basic** has reduced IP limits and no additional VNet features for the volume. For more information, see [Configure network features](#).

Details & Tags

Details

Volume Name

Size (GiB) i

VNet

Subnet

Networking ☐ Basic ☒ Standard

Tags (Optional)

Tag Key

Tag Value

+ Add More Tags

- **Protocol:** Choose the NFS or SMB protocol and enter the required information.

If you choose NFS, you must enter the **Volume path**, choose the **NFS version**, and set the **Export Policy**.

Protocol

Select the volume's protocol: ☒ NFS Protocol ☐ SMB Protocol

Protocol

Volume Path i

Select NFS Version:

☒ NFSv3 ☐ NFSv4.1

Export Policy

Allowed Client & Access i

☐ Read & Write ☒ Read Only

+ Add Export Policy Rule (Up to 5)

If you choose SMB, you must enter the **Volume path** then configure SMB connectivity with the **DNS Primary IP Address** and Active Directory configuration details.

Protocol

Select the volume's protocol: ☐ NFS Protocol ☒ SMB Protocol

↑ SMB Connectivity Setup

DNS Primary IP Address	User Name
<input type="text" value="127.0.0.1"/>	<input type="text" value="administrator"/>
Active Directory Domain to Join	Password
<input type="text" value="yourdomain.com up to 107 characters"/>	<input type="password"/>
SMB Server NetBIOS Name	Organizational Unit
<input type="text"/>	<input type="text" value="CN=Computers"/>

[Continue](#)

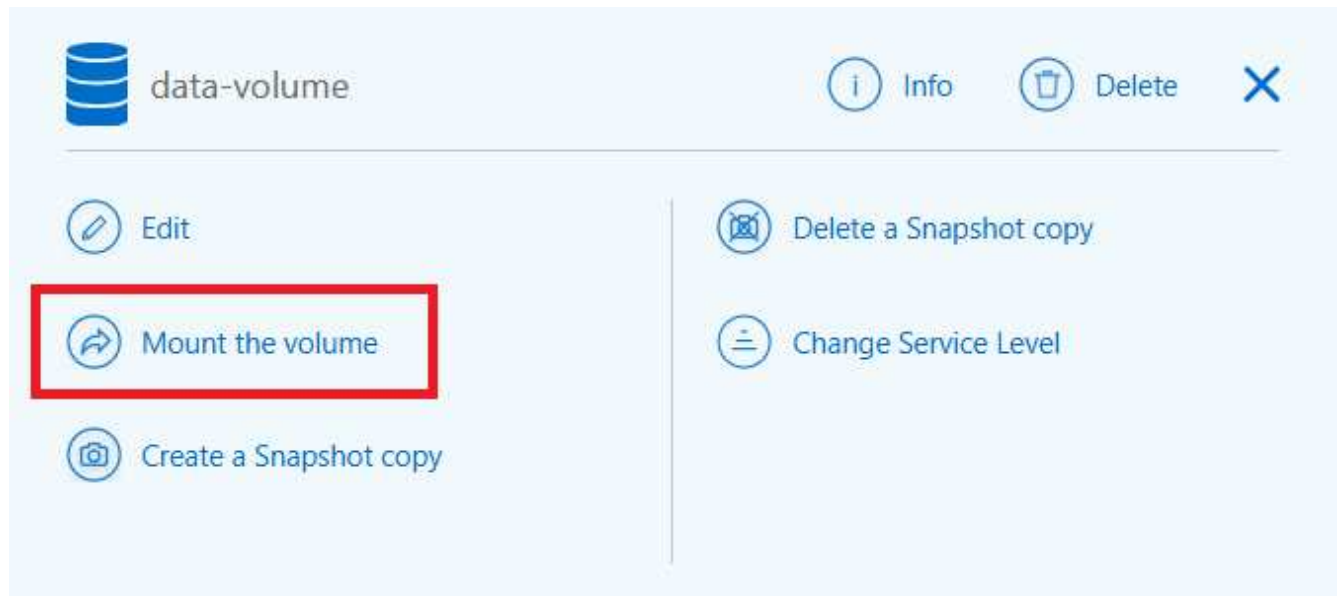
4. If you want this volume to be created based on a snapshot of an existing volume, select the snapshot from the Snapshot Name drop-down list.
5. Select **Add Volume**.
6. After you create the volume, you should proceed to [mount the cloud volume](#).

Mount volumes

Access mounting instructions from within the NetApp Console so you can mount the volume to a host.

Steps

1. In the NetApp Console, open the Azure NetApp Files system.
2. Move the cursor over the volume then select the three dots ... next to the volume status.
3. Select **Mount the volume**.



4. Follow the instructions to mount the volume.

Manage existing volumes

You can manage existing volumes as your storage needs change. You can edit volumes, change a volume's service level, manage Snapshot copies, and delete volumes.

Edit 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 system.
2. Hover over the volume and select **Edit**.
3. Modify the size and tags as needed.
4. Select **Apply**.

Change the volume's service level

After you create a volume, you can change the service level at any time as long as the destination capacity pool already exists.

Steps

1. Open the system.
2. Hover over the volume and select **Change service level**.
3. Select the capacity pool that provides the service level that you want.
4. Select **Change**.

Result

The volume is moved to the other capacity pool with no impact to the volume.

Manage 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 system.
2. Hover over the volume and choose one of the available options to manage Snapshot copies:
 - **Create a Snapshot copy**
 - **Revert volume to Snapshot**
 - **Delete a Snapshot copy**
3. Follow the prompts to complete the selected action.

Delete volumes

Delete the volumes that you no longer need.

Steps

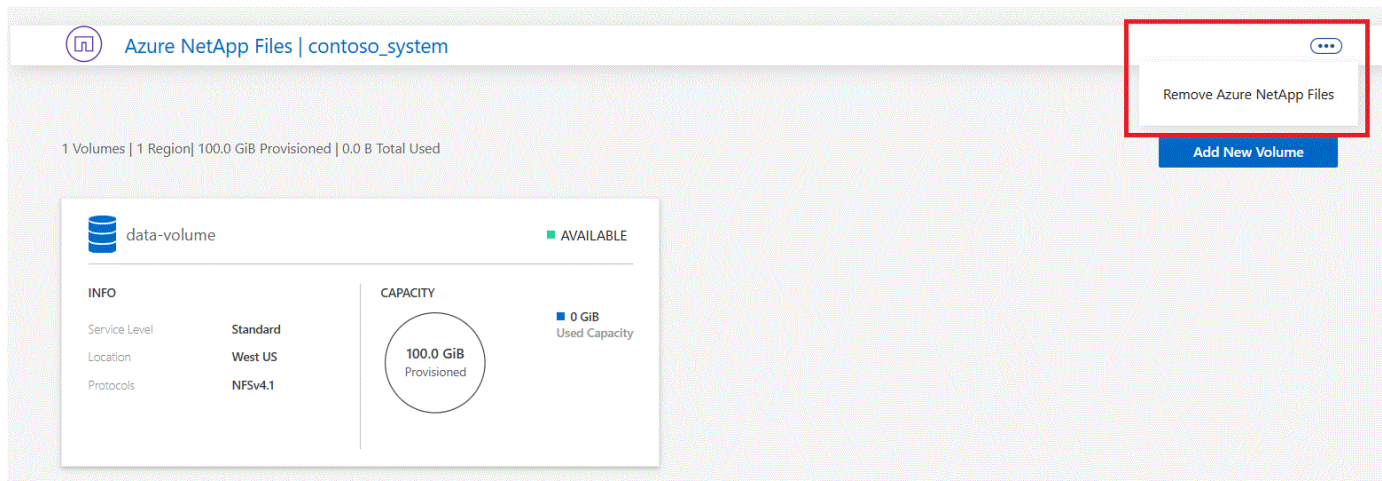
1. Open the system.
2. Hover over the volume then select **Delete**.
3. Confirm that you want to delete the volume.

Remove Azure NetApp Files from the NetApp Console

You can remove an Azure NetApp Files system from the NetApp Console. Removing the Azure NetApp Files system does not delete your Azure NetApp Files account, capacity pools, or volumes. You can add Azure NetApp Files back to the Console at any time.

Steps

1. Open the Azure NetApp Files system.
2. At the top right of the page, select the three dots ... then **Remove Azure NetApp Files**.



1. In the pop-up dialog, select **Remove** to confirm you want to remove the system.

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