Use Azure NetApp Files

Azure NetApp Files

NetApp
June 12, 2024

This PDF was generated from https://docs.netapp.com/us-en/bluexp-azure-netapp-files/task-create-volumes.html on June 12, 2024. Always check docs.netapp.com for the latest.

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Use Azure NetApp Files

Create and mount volumes

After you set up your working environment, 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 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. When creating a new account you can also choose the Resource Group that you want to use.

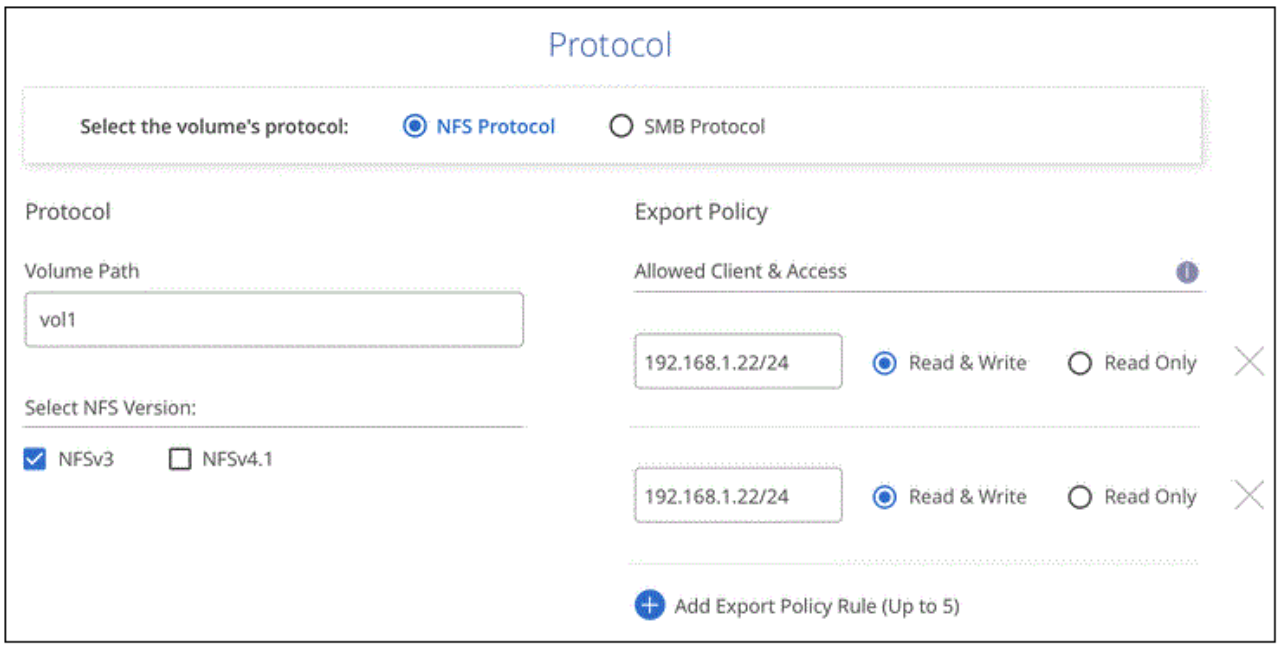
    - **Capacity Pool**: Select an existing capacity pool or create a new capacity pool.

      If you create a new capacity pool, you need to specify a size and select a service level.

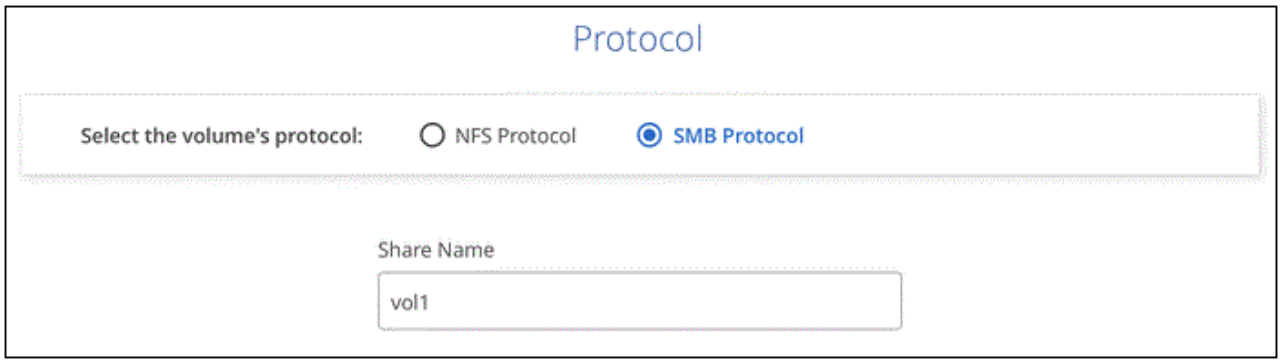
      The minimum size for the capacity pool is 4 TB. You can specify a size in multiples of 4 TB.

    - **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.



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



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. Click **Add Volume**.

Result

The new volume is added to the working environment.

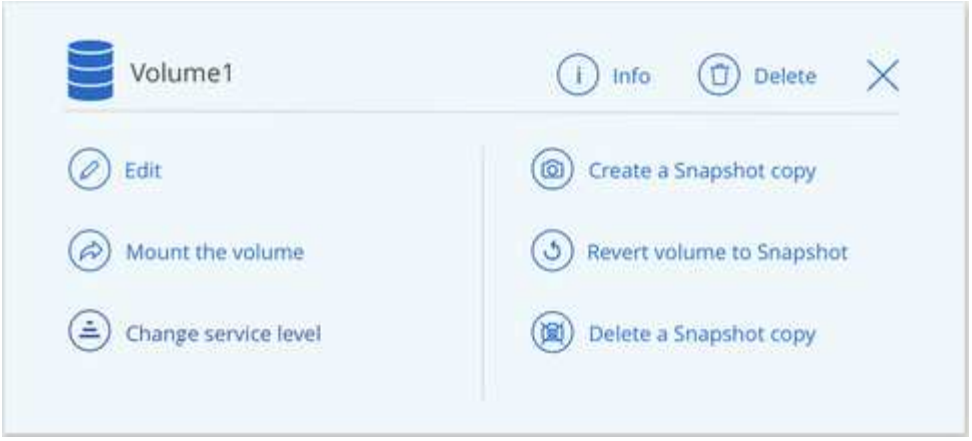
Continue with mounting the cloud volume.

Mount volumes

Access mounting instructions from within BlueXP 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.

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 working environment.
2. Hover over the volume and select **Edit**.
3. Modify the size and tags as needed.
4. Click **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 working environment.
2. Hover over the volume and select **Change service level**.
3. Select the capacity pool that provides the service level that you want.
4. Click **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 working environment.
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

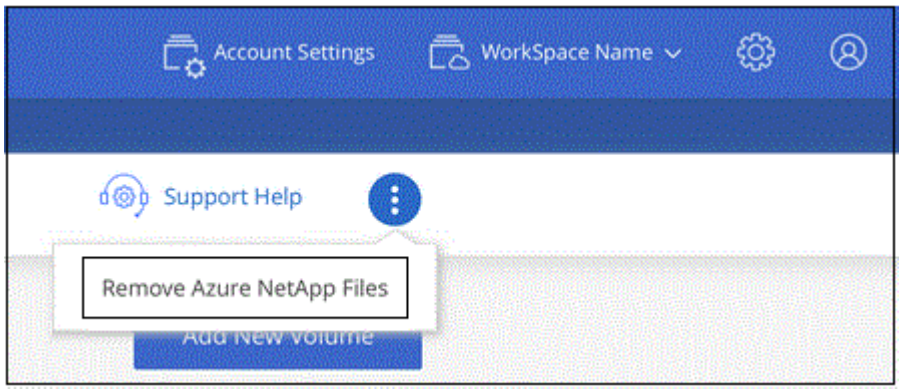
1. Open the working environment.
2. Hover over the volume and click **Delete**.
3. Confirm that you want to delete the volume.

Remove Azure NetApp Files

This action removes Azure NetApp Files from BlueXP. It doesn't delete your Azure NetApp Files account or volumes. You can add Azure NetApp Files back to BlueXP 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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