ANF Extension - Quick Start Guide

A simple guide to install and use the Azure NetApp Files Extension in VS Code.

## Table of Contents

Prerequisites

Before you start, make sure you have:
- VS Code (version 1.104.0 or higher)
- Azure account with access to Azure NetApp Files
- Azure subscription with the Azure NetApp Files service enabled
- Contributor or NetApp Contributor role assigned to your subscription

Installation

Step 1: Install the Extension

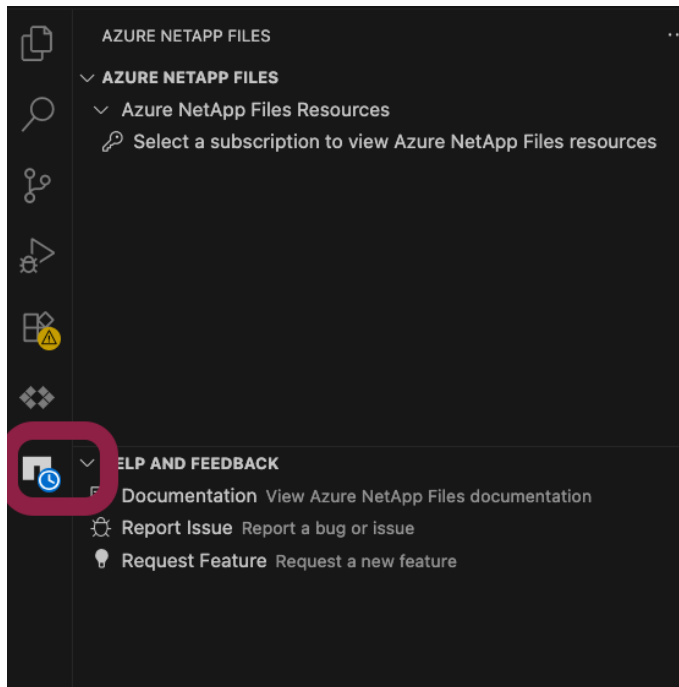1. Launch VS Code.
2. Navigate to Extensions (`Search for Azure NetApp).
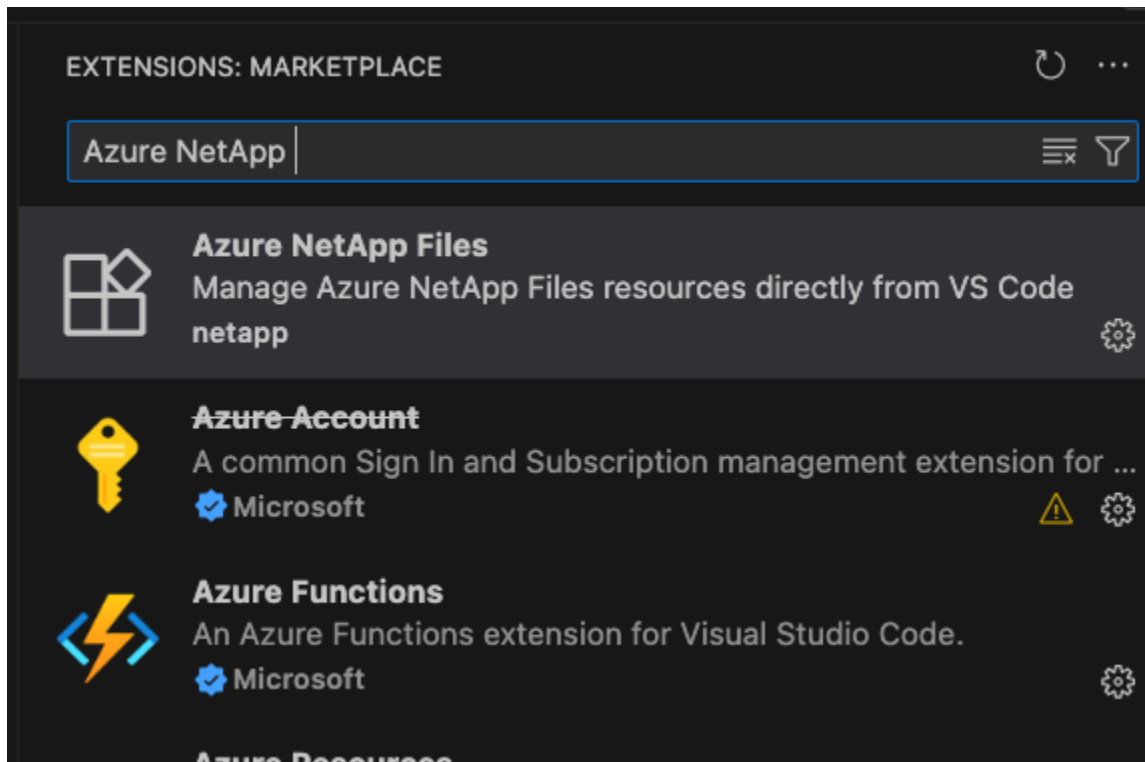
3. Select the "Azure NetApp Files"
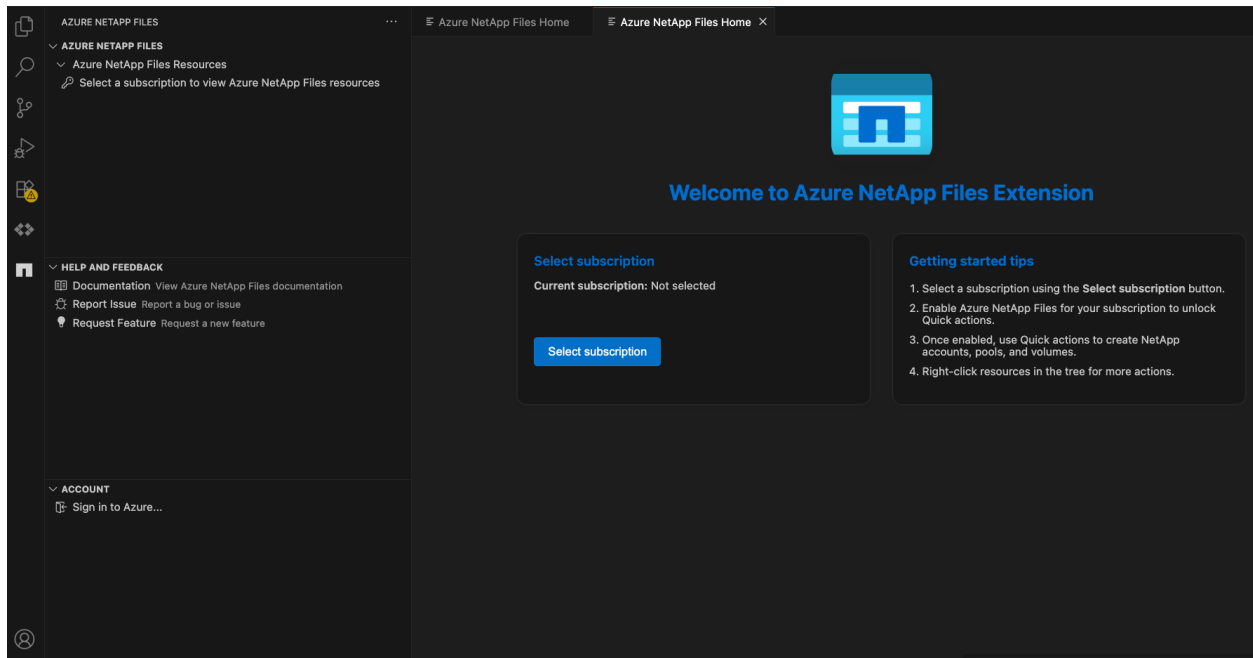4. Select Install to complete the process.

Step 2: Activate the Extension

After installation, the extension will automatically activate. You'll see the **Azure Netapp Files** icon in the VS Code sidebar.

Authentication Setup

Option A: Azure Sign-in (Recommended)

1. On the welcome page
2. Select the "Sign In to Azure" button.

3. If you have previously authenticated VS code with your SSO, VS Code will automatically detect and apply your Azure sign-in credentials.

If not, choose the sign-in option to go to the Azure portal, where you can authenticate using your SSO.

4. Upon successful sign-in, your subscriptions will be automatically detected.

QuickStart

Step 1: Welcome Page

1. Navigate to the Service Management section.
2. The extension will check whether ANF as a service is already enabled for your subscription. If it's not enabled, click on "Enable Azure NetApp Files" to activate Azure NetApp Files.

Step 2: Quick actionsTemplates

1. Select the "Create Volume" template to generate your initial volume.
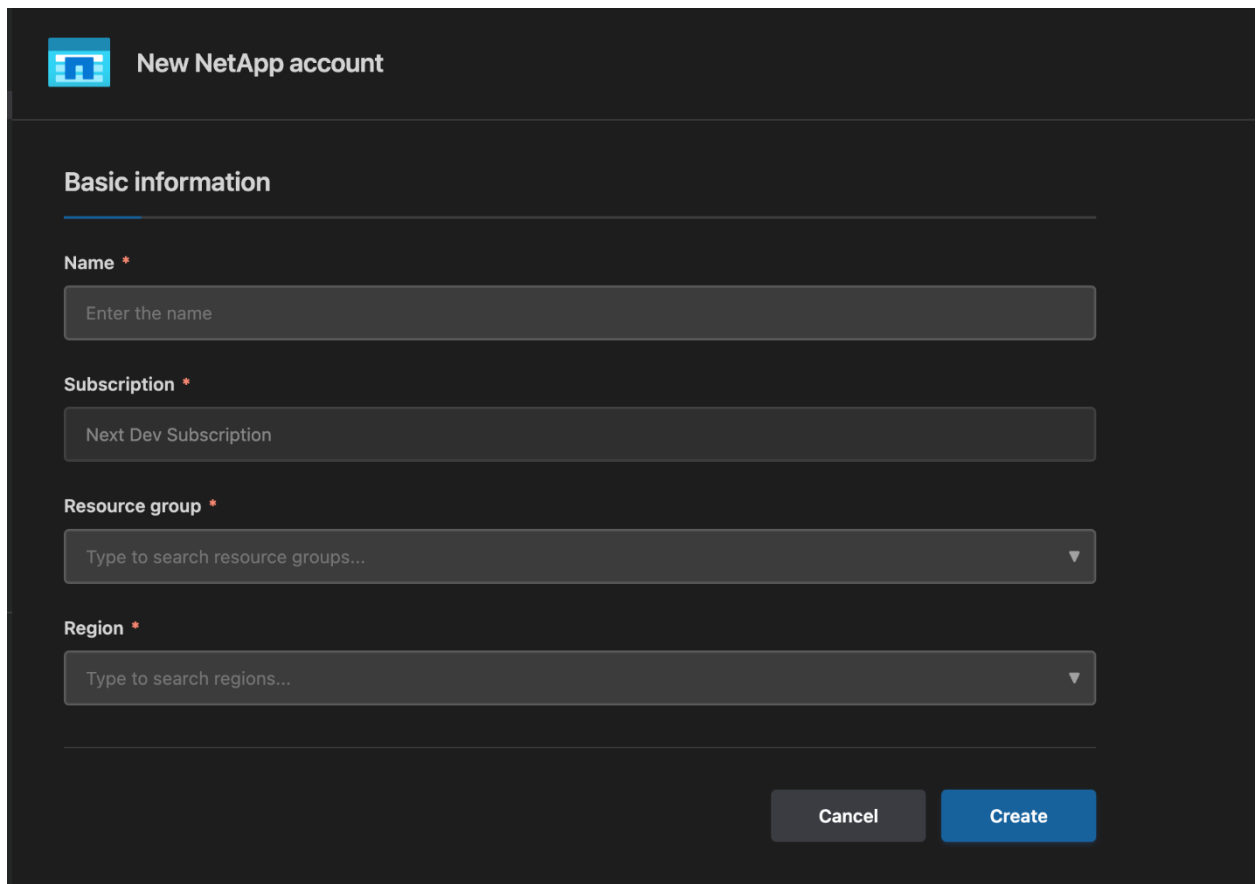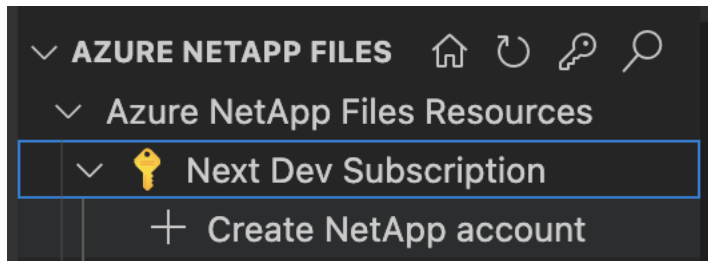2. Explore additional available options as needed.
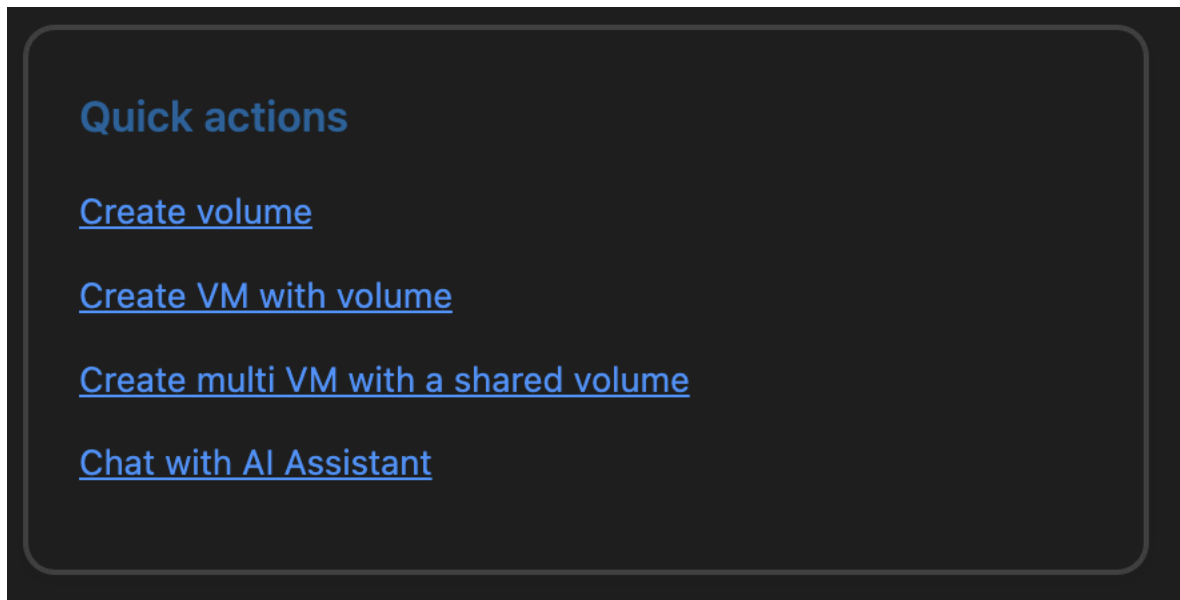
Step 3: Explore Your Resources

- Select the ANF Explorer icon located in the sidebar.
- Navigate through the available Azure NetApp Files accounts, capacity pools, and volumes.
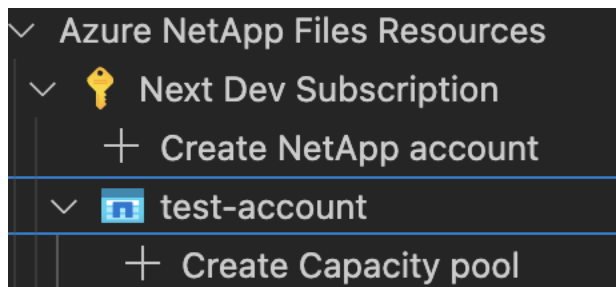
Configuring NetApp Files Resources

Creating an Azure NetApp Files Storage Account

- In the ANF Explorer, select the '+' icon adjacent to an Account.
- **Choose** the "Create Account" option.
- **Enter** the required account details:
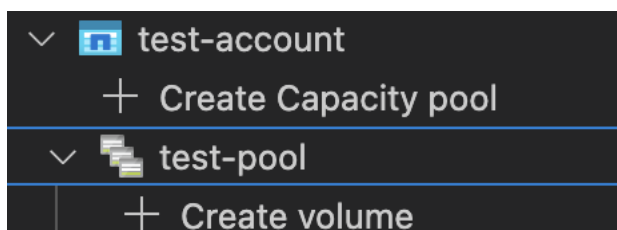- **Click** "Create" to complete the process.

Creating a Capacity Pool

- In the ANF Explorer, select the '+' icon adjacent to a Capacity Pool.
- **Choose** the "Create Capacity Pool " option.
- **Enter** the required volume details:
  - Name
  - Size (in TiB)
  - Service level (Standard/Premium/Ultra)
- **Click** "Create" to complete the process.

Creating a Volume

- In the ANF Explorer, select the '+' icon adjacent to Volume.
- **Choose** the "Create Volume" option.
- **Enter** the required volume details:
  - Name
  - Size (in GB)
  - Virtual network
  - Protocol (NFSv3 / NFSv4.1)
- **Click** "Review+Create" to complete the process.

Getting AI Recommendations Using Chat Assistant

- Select any resource within the ANF Explorer.
- Navigate to GitHub Copilot and enter "@anf".
- Utilize the available options provided by @anf chat participant.
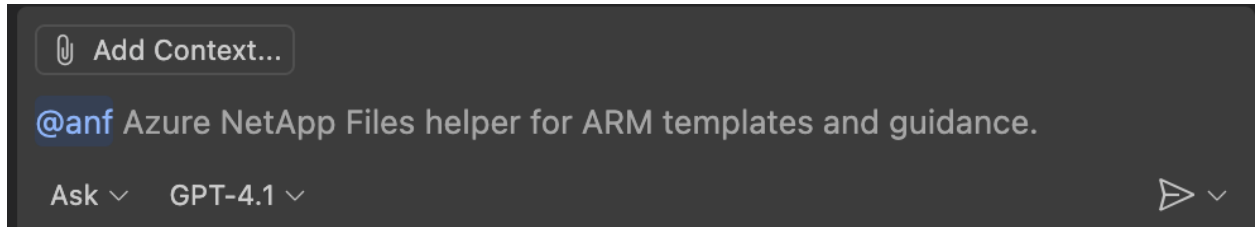
Troubleshooting

No enabled subscriptions found

Solution:

- Select the Sign-out button and ensure you are fully signed out.
- After signing out, select the Manual Credentials option.
- Choose "Enter Manually".
- Retrieve the token by going to the Azure Portal, accessing Cloud Shell, and running this command: `az account get-access-token --resource=https://management.azure.com/`
- Copy the Access Token and paste it into the specified field.
- Copy the Subscription ID and enter it in the appropriate field.
- Click Save and Validate to begin logging in to your subscription.

Authentication failed

Instructions:

- Select the Sign-out button and ensure you are fully signed out.
- After signing out, select the Manual Credentials option.
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- Copy the Access Token and paste it into the specified field.

- Copy the Subscription ID and enter it in the appropriate field.
- Click Save and Validate to begin logging in to your subscription.

Extension not loading

Solution:

- Restart VS Code.
- Ensure VS Code is version 1.104.0 or newer.
- Reinstall the extension if necessary.

You're Ready!

The ANF Extension is now installed and configured. You can begin accessing your Azure NetApp Files resources and utilize the available AI-powered features.

Next Steps:

- Browse your Azure NetApp Files resources
- Create your first volume
- Try using @anf in GitHub Copilot
- Ask questions in the chat assistant