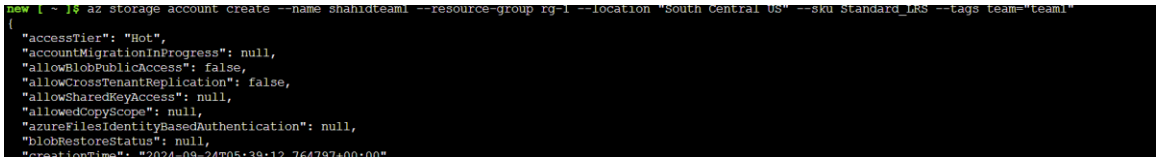
1. Upload All Static Content of Your Website to Azure

- Use Azure Blob Storage to store all static assets (like images, CSS, and JavaScript files).

Steps:

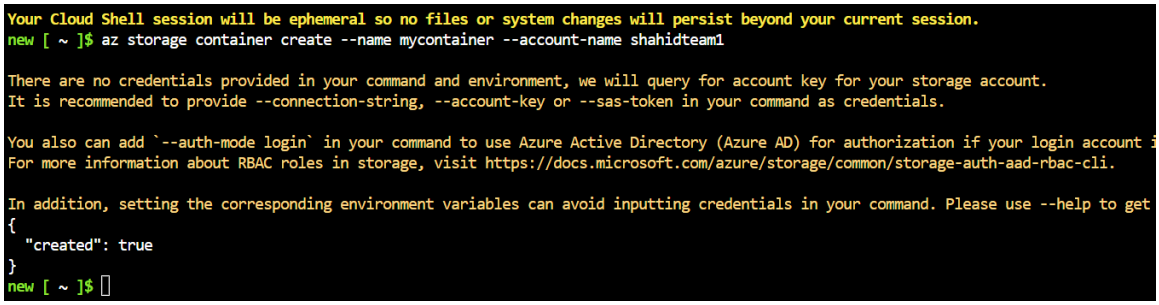
Create Storage Account for Team 1

az storage account create --name shahidteam1 --resource-group rg-1 --location "South Central US" --sku Standard_LRS --tags

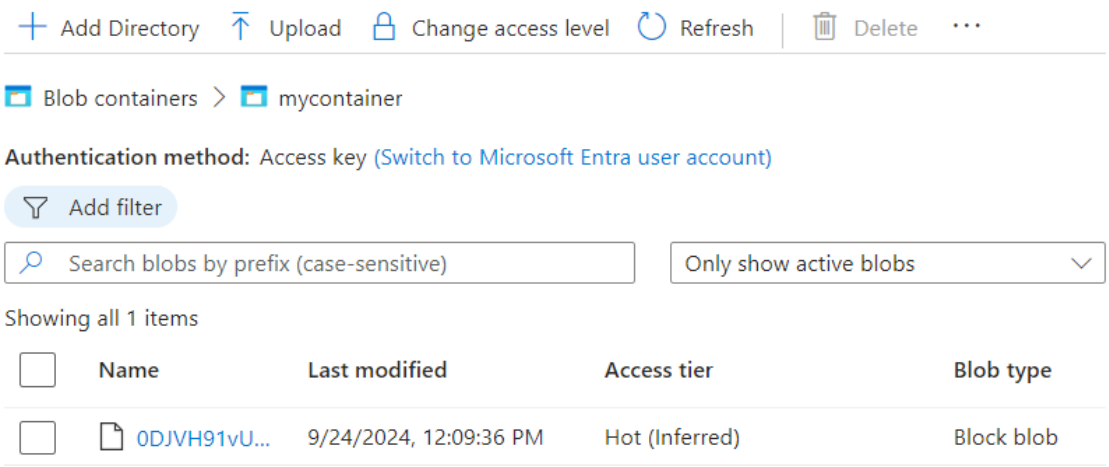


Step 2: Create a Blob Container

az storage container create --name mycontainer --account-name shahidteam1



Step 3: Upload Files



2. Create Storage Accounts for Critical and Non-Critical Data

- Set up two storage accounts: one for critical data and another for non-critical data. Enable both global and local replication.

Steps:

Create a storage account for critical data

az storage account create --name mycriticaldata --resource-group rg-1 --location eastus --sku Standard_GRS

Create a storage account for non-critical data

az storage account create --name mynoncriticaldata --resource-group rg-1 --location eastus --sku Standard_LRS

3. Use Shared Access Keys to Link the Web App with the Storage Account

- Use the shared access keys to connect your web application to the Azure storage accounts.

Steps:

Get the connection string for the storage account

az storage account show-connection-string --name shahidteam1 --resource-group rg-1

Use the connection string in your web application code to access the storage account.

4. Create a CDN Endpoint and Configure It to Serve the Static Files

- Set up Azure CDN to cache and serve the static files.

Steps:

Create a CDN profile

az cdn profile create --name mycdnprofile --resource-group rg-1 --sku Standard_Verizon --location eastus

Create a CDN endpoint

az cdn endpoint create --name mycdnendpoint --profile-name mycdnprofile --resource-group rg-1 --location eastus --origin shahidteam1.blob.core.windows.net

5. Create an Azure File Share and Upload All Tools and Files

- Create an Azure File Share for sharing tools and files among colleagues.

Steps:

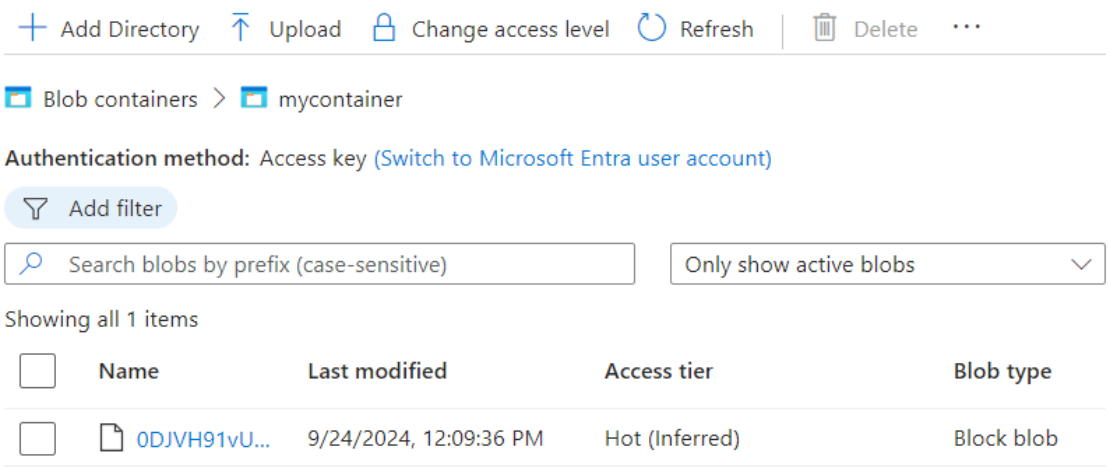
Create a storage account for file sharing

az storage account create --name shahidteam2 --resource-group rg-1 --location "South Central US" --sku Standard_LRS

Create a file share

az storage share create --name shahidteam1fileshare --account-name shahidteam2

Upload files to the file share



Connect a Linux and Windows VM Box to the File Share

Mount the File Share on Linux

Step 1: Install cifs-utils

You need to have cifs-utils installed. You can install it using the following command:

For Ubuntu:

sudo apt update

sudo apt install cifs-utils

Step 2: Create a Mount Point

Create a directory to mount the file share:

sudo mkdir /mnt/shahidteam2

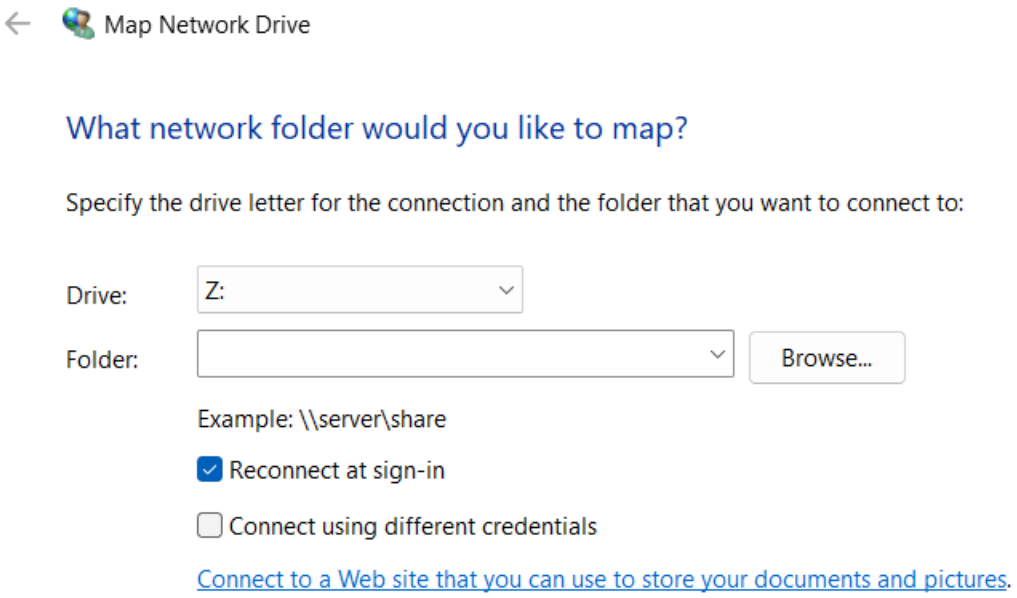
Step 3: Mount the File Share

Use the following command to mount the file share:

sudo mount -t cifs //shahidteam2.file.core.windows.net/shahidteam1fileshare /mnt/shahidteam2 -o vers=3.0,username=shahidteam2,password=<password>',dir_mode=0777,file_mode=0777,sec=ntlmssp

For Windows VM:

1. Open **File Explorer**.
2. Click on **This PC**.
3. Click on the **Computer** tab and then select **Map network drive**.

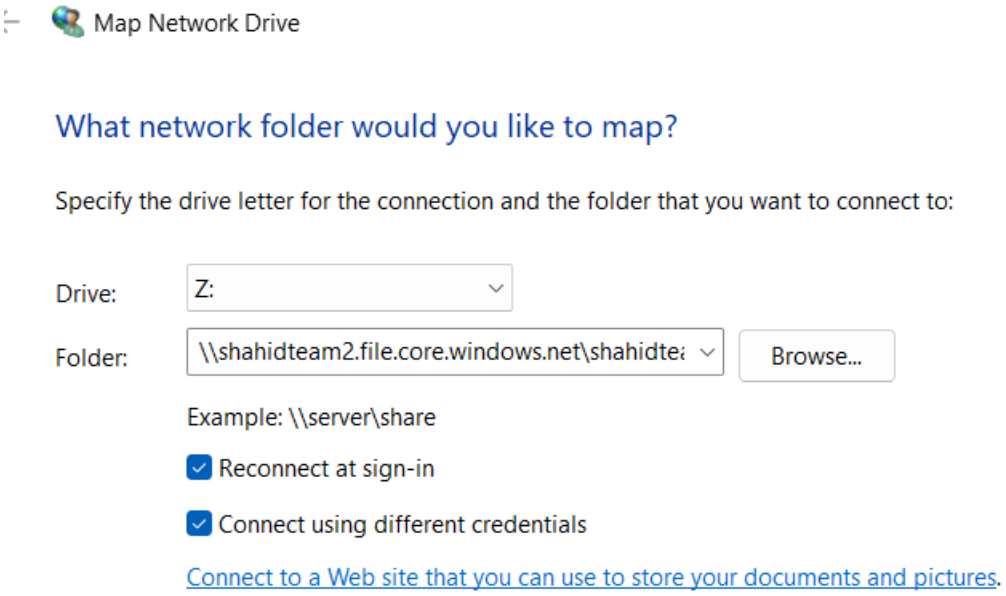


4. Choose a drive letter (e.g., Z:).

5. In the Folder box, enter the following:

\\shahidteam2.file.core.windows.net\shahidteam1fileshare

6. Click on **Connect using different credentials**.



7. For the username, enter:

   Azure\shahidteam2

8. For the password, use a storage account key, which you can get by running:

az storage account keys list --account-name shahidteam2 --query "[0].value" --output tsv

9. Click **OK** to mount the drive.