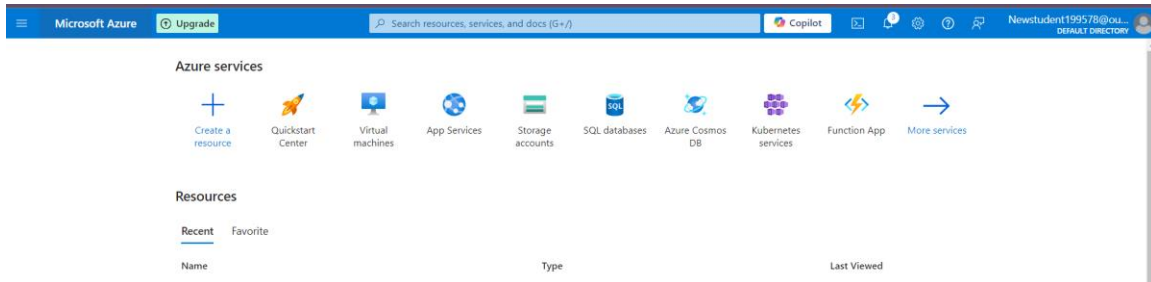
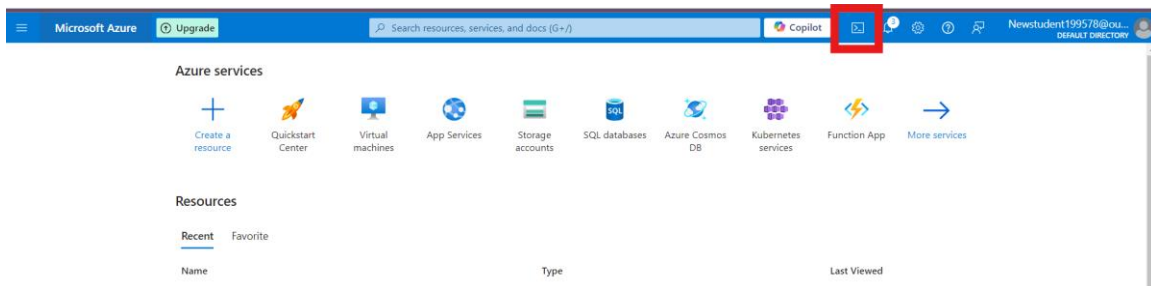


## Step 1: Connect to Azure Cloud Shell

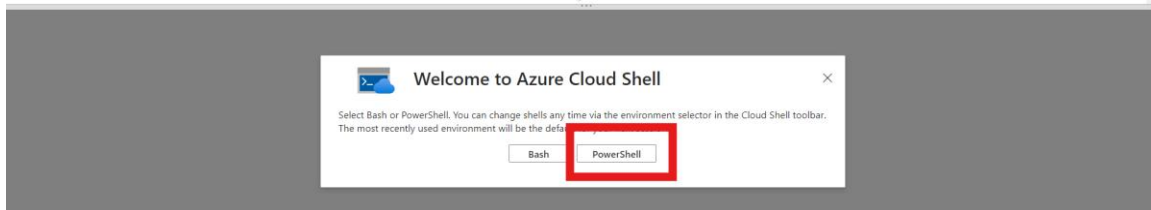
1. Go to the [Azure Portal](#).



2. Click on the **Cloud Shell** icon (a terminal icon) at the top-right corner of the portal.



3. Select **PowerShell**.



4. The Cloud Shell will automatically connect to your Azure environment.

## Step 2: Create a Resource Group

Once inside Cloud Shell:

**PowerShell:**

1. Run the following command to create the resource group:

**New-AzResourceGroup -Name "rg-1" -Location "South Central US"**

## 1. Create 3 Storage Accounts with “Team” Tags

# Create Storage Account for Team 1

**az storage account create --name shahidteam1 --resource-group rg-1 --location "South Central US" --sku Standard\_LRS --tags team="team1"**

```
new [ ~ ]$ az storage account create --name shahidteam1 --resource-group rg-1 --location "South Central US" --sku Standard_LRS --tags team="team1"
{
  "accessTier": "Hot",
  "accountMigrationInProgress": null,
  "allowBlobPublicAccess": false,
  "allowCrossTenantReplication": false,
  "allowSharedKeyAccess": null,
  "allowedCopyScope": null,
  "azureFilesIdentityBasedAuthentication": null,
  "blobRestoreStatus": null,
  "creationTime": "2024-09-24T05:39:12.764797+00:00"
}
```

# Create Storage Account for Team 2

**az storage account create --name shahidteam2 --resource-group rg-1 --location "South Central US" --sku Standard\_LRS --tags team="team2"**

```
new [ ~ ]$ az storage account create --name shahidteam2 --resource-group rg-1 --location "South Central US" --sku Standard_LRS --tags team="team2"
{
  "accessTier": "Hot",
  "accountMigrationInProgress": null,
  "allowBlobPublicAccess": false,
  "allowCrossTenantReplication": false,
  "allowSharedKeyAccess": null,
  "allowedCopyScope": null,
  "azureFilesIdentityBasedAuthentication": null,
  "blobRestoreStatus": null,
  "creationTime": "2024-09-24T05:41:11.037977+00:00",
  "customDomain": null,
  "defaultToOAuthAuthentication": null
}
```

# Create Storage Account for Team 3

**az storage account create --name shahidteam3 --resource-group rg-1 --location "South Central US" --sku Standard\_LRS --tags team="team3"**

```
new [ ~ ]$ az storage account create --name shahidteam3 --resource-group rg-1 --location "South Central US" --sku Standard_LRS --tags team="team3"
{
  "accessTier": "Hot",
  "accountMigrationInProgress": null,
  "allowBlobPublicAccess": false,
  "allowCrossTenantReplication": false,
  "allowSharedKeyAccess": null,
  "allowedCopyScope": null,
  "azureFilesIdentityBasedAuthentication": null,
  "blobRestoreStatus": null,
  "creationTime": "2024-09-24T05:43:56.955393+00:00",
  "customDomain": null,
  "defaultToOAuthAuthentication": null,
  "dnsEndpointType": null,
  "enableExtendedGroups": null,
  "enableHttpsTrafficOnly": true,
  "enableNfsV3": null,
  "encryption": {

```

## 2. Create One More Storage Account for Team 2

**az storage account create --name shahidteam2additional --resource-group rg-1 --location "South Central US" --sku Standard\_LRS --tags team="team2"**

```
new [ ~ ]$ az storage account create --name shahidteam2additional --resource-group rg-1 --location "South Central US" --sku Standard_LRS --tags team="team2"
{
  "accessTier": "Hot",
  "accountMigrationInProgress": null,
  "allowBlobPublicAccess": false,
  "allowCrossTenantReplication": false,
  "allowSharedKeyAccess": null,
  "allowedCopyScope": null,
  "azureFilesIdentityBasedAuthentication": null,
  "blobRestoreStatus": null,
  "creationTime": "2024-09-24T05:46:22.919011+00:00",
  "customDomain": null,
  "defaultToOAuthAuthentication": null,
```

## 3. List All Resources for Team 2 Using Tags

**az resource list --tag team="team2" --output table**

```
new [ ~ ]$ az resource list --tag team="team2" --output table
Name                               ResourceGroup  Location      Type                               Status
-----
shahidteam2                        rg-1           southcentralus Microsoft.Storage/storageAccounts
shahidteam2additional              rg-1           southcentralus Microsoft.Storage/storageAccounts
new [ ~ ]$
```

## 1. Create a File Share

Use the following command to create a file share:

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

```
new [ ~ ]$ az storage share create --name shahidteam1fileshare --account-name shahidteam2
There are no credentials provided in your command and environment, we will query for account key for your storage account.
It is recommended to provide --connection-string, --account-key or --sas-token in your command as credentials.

In addition, setting the corresponding environment variables can avoid inputting credentials in your command. Please use --help to get more information about environment
riable usage.
{
  "created": true
}
```

## 2. Mount the File Share on Windows

### Step 1: Install Azure Storage Explorer


You can use Azure Storage Explorer or the built-in Windows features to mount the file share. Here's how to do it using Windows Explorer:

### Step 2: Mounting the File Share

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

## What network folder would you like to map?

Specify the drive letter for the connection and the folder that you want to connect to:

Drive:  

Folder:  

Example: \\server\share

☒ Reconnect at sign-in

☐ Connect using different credentials

[Connect to a Web site that you can use to store your documents and pictures.](#)

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**.

## What network folder would you like to map?

Specify the drive letter for the connection and the folder that you want to connect to:

Drive:

Folder:

Example: \\server\share

☒ Reconnect at sign-in

☒ Connect using different credentials

[Connect to a Web site that you can use to store your documents and pictures.](#)

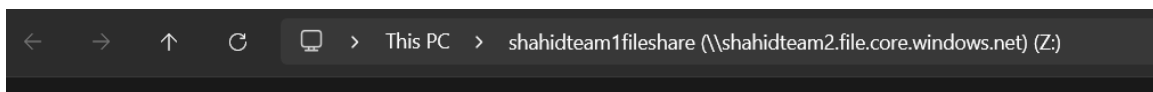
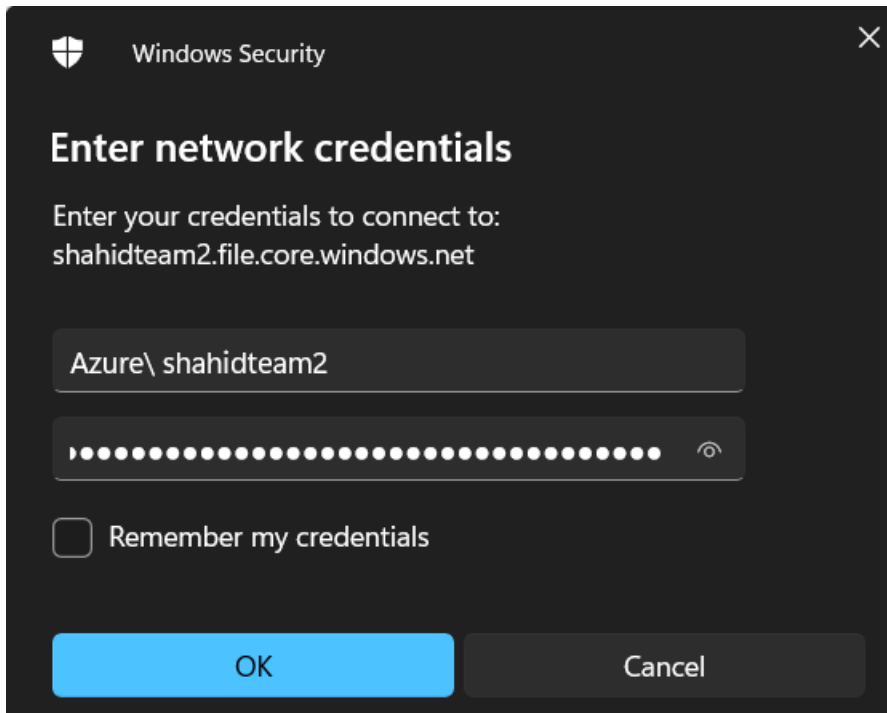
7. For the username, enter:

**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.



### 3. 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

```
azureuser@ubuntu:~$ df -h
Filesystem                Size      Used Avail Use% Mounted on
/dev/root                  29G       1.7G   27G   6% /
tmpfs                      3.9G         0   3.9G   0% /dev/shm
tmpfs                      1.6G     984K   1.6G   1% /run
tmpfs                      5.0M         0   5.0M   0% /run/lock
efivarfs                  128M       26K   128M   1% /sys/firmware/efi/efivars
/dev/sda16                 881M       59M   761M   8% /boot
/dev/sda15                 105M       6.1M    99M   6% /boot/efi
/dev/sdb1                  16G       32K    15G   1% /mnt
tmpfs                      794M       12K   794M   1% /run/user/1000
//shahidteam2.file.core.windows.net/shahidteam1fileshare 100T         0   100T   0% /mnt/shahidteam2
azureuser@ubuntu:~$
```