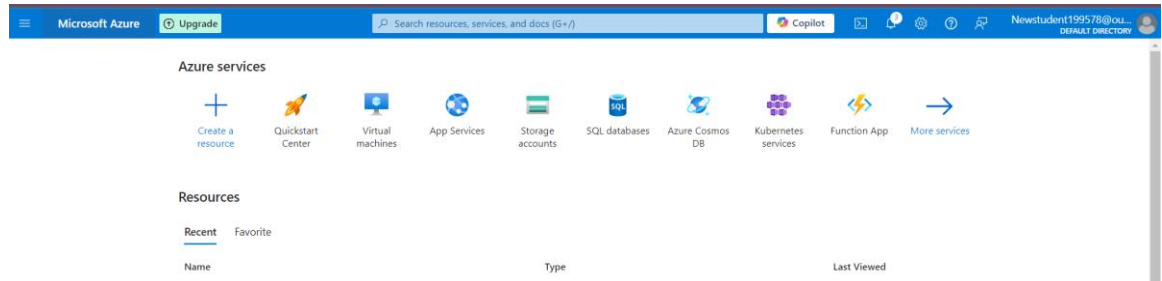


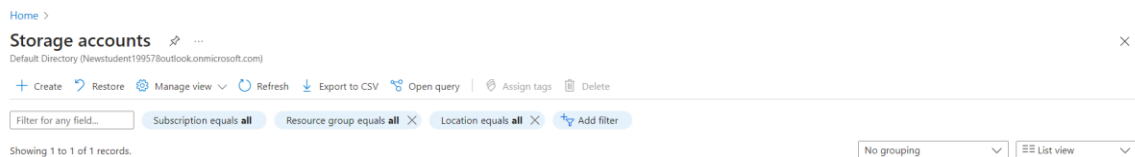
1. Create Two Storage Accounts and Create a Container Inside Them

Step 1: Create Two Storage Accounts

1. **Log in** to the Azure portal.



2. In the search bar, type **Storage accounts** and click on **Storage accounts** under services.



3. Click **Create**.
4. Fill in the necessary details for the first storage account:
 - **Subscription:** Choose your subscription.
 - **Resource Group:** Select an existing one or create a new one.
 - **Storage account name:** Enter a unique name for the first storage account (**shahidteam1**).
 - **Region:** Choose a preferred region.
 - **Performance:** Choose **Standard**.
 - **Replication:** Choose the replication type LRS.
 - Click **Review + Create** and then **Create**.
5. Repeat the steps to create the **second storage account (shahidteam2)**.

Storage accounts ...

Default Directory (Newstudent199578outlook.onmicrosoft.com)

+ Create Restore Manage view Refresh Export to CSV Open query Assign tags Delete

Filter for any field... Subscription equals all Resource group equals all Location equals all Add filter

Showing 1 to 2 of 2 records.

Name	Type	Kind	Resource group	Location	Subscription
shahidteam1	Storage account	StorageV2	rg-1	South Central US	Free Trial
shahidteam2	Storage account	StorageV2	rg-1	South Central US	Free Trial

Step 2: Create a Container Inside Each Storage Account

- Go to **Storage accounts** and click on the first storage account (**shahidteam1**).
- In the left-hand menu, under **Data storage**, click **Containers**.
- Click **+ Container** at the top, provide a name for the container (**shahidteam1container**), and select **Private** for public access.
- Click **Create**.

+ Container Change access level Restore containers Refresh Delete Give feedback

Search containers by prefix Show deleted containers

Name	Last modified	Anonymous access level	Lease state
shahidteam1container	9/25/2024, 8:38:57 AM	Private	Available

- Repeat these steps for the second storage account (**shahidteam2**) and create another container (**shahidteam2container**).

2. Upload Some Data to the First Blob Service

- Go to the first storage account (**shahidteam1**).
- Under **Data storage**, click on **Containers**, and select **shahidteam1container**.
- Click on **Upload** and select the files you want to upload to the Blob storage.
- Click **Upload** to complete the process.

shahidteam1container ...

Container

Search Upload Change access level Refresh Delete Change tier Acquire lease Break lease View snapshots Create snapshot Give feedback

Authentication method: Access key (Switch to Microsoft Entra user account)
Location: shahidteam1container

Search blobs by prefix (case-sensitive) Show deleted blobs

Add filter

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
BANNER-IMAGE-1-scaled.webp	9/25/2024, 8:39:48 AM	Hot (Inferred)		Block blob	38.63 KiB	Available
BANNER-IMAGE-2-scaled.webp	9/25/2024, 8:39:48 AM	Hot (Inferred)		Block blob	42.63 KiB	Available
branches.svg	9/25/2024, 8:39:48 AM	Hot (Inferred)		Block blob	6.96 KiB	Available
city.svg	9/25/2024, 8:39:48 AM	Hot (Inferred)		Block blob	911 B	Available
docker-compose.yaml	9/25/2024, 8:39:48 AM	Hot (Inferred)		Block blob	591 B	Available
employees.svg	9/25/2024, 8:39:48 AM	Hot (Inferred)		Block blob	3.59 KiB	Available

2. Use AzCopy Utility to Copy Data from One Storage Container to Another

1. In the **Azure Portal**, open **Cloud Shell** (via the top bar of the portal).
 - Select **Bash** or **PowerShell**.
 - This comes pre-configured with **AzCopy**.
2. Copy the data from container1 to container2 using the AzCopy command:

azcopy copy

```
"https://shahidteam1.blob.core.windows.net/shahidteam1container?sv=2024-09-25&ss=b&srt=sco&sp=rl&se=2024-09-26T03:56:15Z&st=2024-09-24T03:56:15Z&spr=https&sig=<token>"  
"https://shahidteam2.blob.core.windows.net/shahidteam2container?sv=2024-09-25&ss=b&srt=sco&sp=rl&se=2024-09-26T03:56:15Z&st=2024-09-24T03:56:15Z&spr=https&sig=<token>" --recursive
```

```
INFO: Scanning...  
INFO: Failed to create one or more destination container(s). Your transfers may still succeed if the container already exists.  
INFO: Any empty folders will not be processed, because source and/or destination doesn't have full folder support  
  
Job d2eae7b2-ebd2-664a-50b2-1baf5ec9ca53 has started  
Log file is located at: /home/new/.azcopy/d2eae7b2-ebd2-664a-50b2-1baf5ec9ca53.log  
  
100.0 %, 10 Done, 0 Failed, 0 Pending, 0 Skipped, 10 Total,  
  
Job d2eae7b2-ebd2-664a-50b2-1baf5ec9ca53 summary  
Elapsed Time (Minutes): 0.0667  
Number of File Transfers: 10  
Number of Folder Property Transfers: 0  
Number of Symlink Transfers: 0  
Total Number of Transfers: 10  
Number of File Transfers Completed: 10  
Number of Folder Transfers Completed: 0  
Number of File Transfers Failed: 0  
Number of Folder Transfers Failed: 0  
Number of File Transfers Skipped: 0  
Number of Folder Transfers Skipped: 0  
Total Number of Bytes Transferred: 118175  
Final Job Status: Completed  
  
PS /home/new> █
```