Context

Create Storage Account	2 – 4
Upload File	4 – 6
Static Website	6 – 11
Create Data Lahe Gen-2 Storage	11 – 15

Create Storage Account

1. Log in to your Microsoft Azure account.
2. Under the Azure services click on Storage Accounts option.
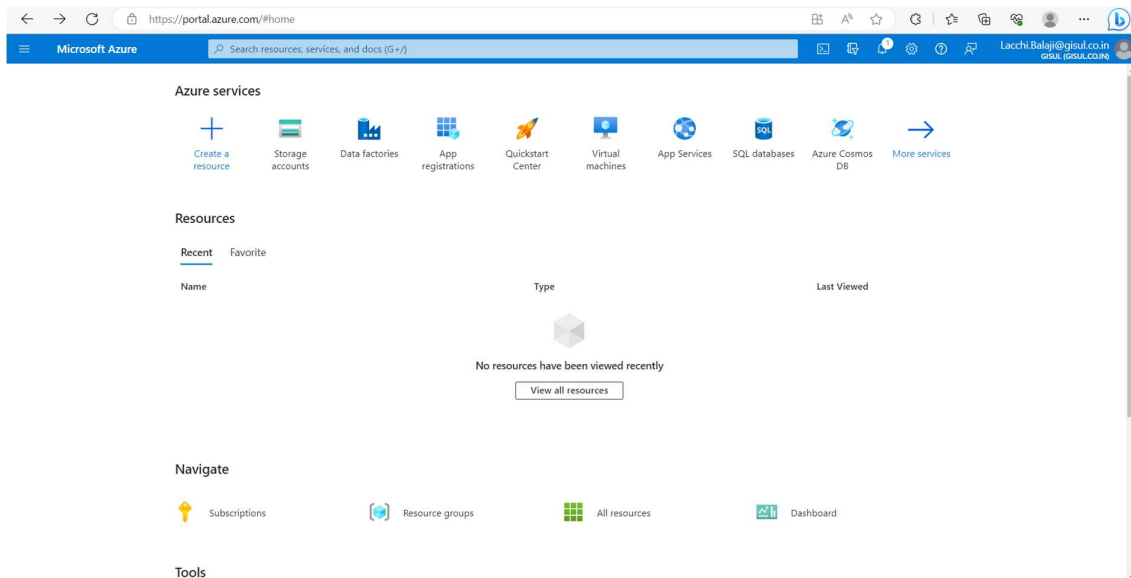
3. Click on Create a storage account.
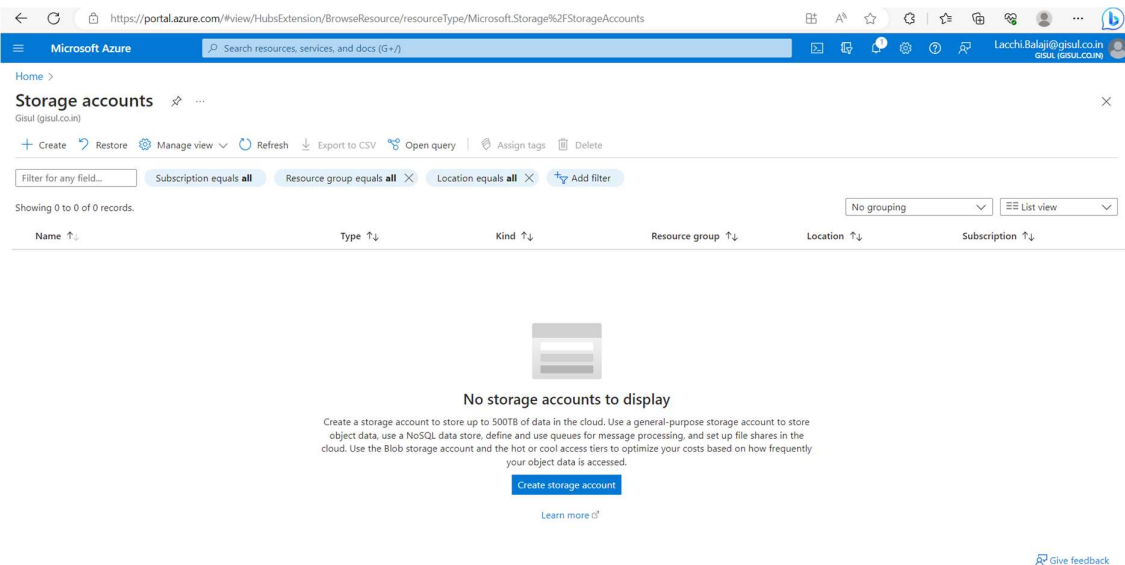
4. Under Resource group click on Create New.

Create a storage account ...

Basics   Advanced   Networking   Data protection   Encryption   Tags   Review

Azure Storage is a Microsoft-managed service providing cloud storage that is highly available, secure, durable, scalable, and redundant. Azure Storage includes Azure Blobs (objects), Azure Data Lake Storage Gen2, Azure Files, Azure Queues, and Azure Tables. The cost of your storage account depends on the usage and the options you choose below. Learn more about Azure storage accounts

Project details

Select the subscription in which to create the new storage account. Choose a new or existing resource group to organize and manage your storage account together with other resources.

Subscription *	Microsoft Partner Network
Resource group *	DefaultResourceGroup-EA
	Create new

5. Give the name and click on OK.
6. Then give the storage name and check the below properties then click on Review.

Basics ❌   Advanced   Networking   Data protection   Encryption   Tags   Review

Subscription *	Microsoft Partner Network
Resource group *	(New) ADFResource
	Create new

Instance details

Storage account name ⓘ *	adftraing
Region ⓘ *	(US) East US
	Deploy to an edge zone
Performance ⓘ *	⦿ **Standard:** Recommended for most scenarios (general-purpose v2 account)
	◯ **Premium:** Recommended for scenarios that require low latency.
Redundancy ⓘ *	Geo-redundant storage (GRS)
	☑ Make read access to data available in the event of regional unavailability.

Review   < Previous   Next : Advanced >

7. Next click on Create as shown below.

8. After some time it will show like below.

Upload File

1. In this example we are going to upload the below file into the cloud blog storage,

2. On the Home page click on Storage Account.
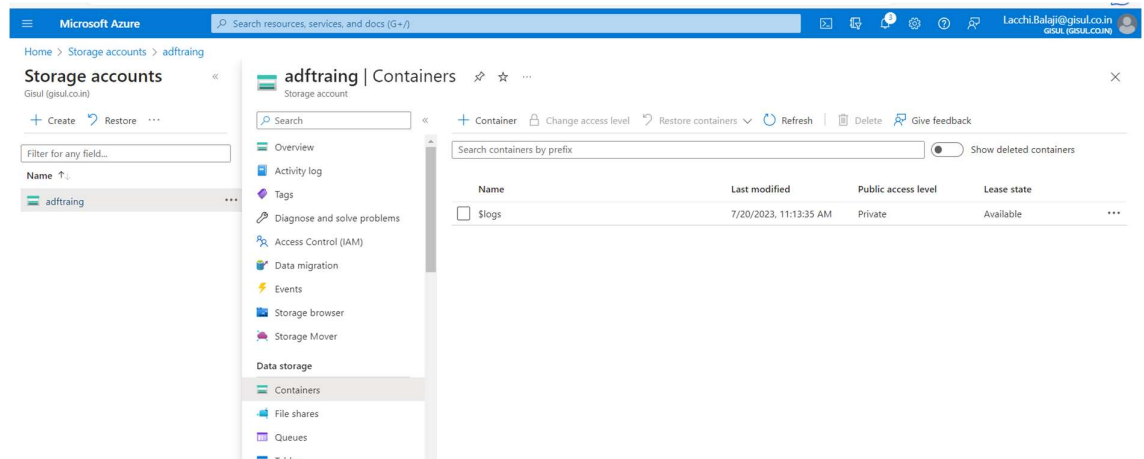
Azure services
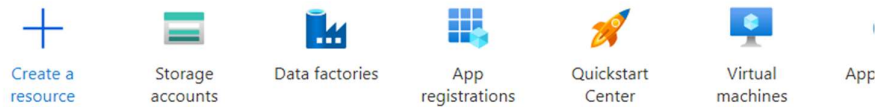
3. Click on the storage account that we created before.
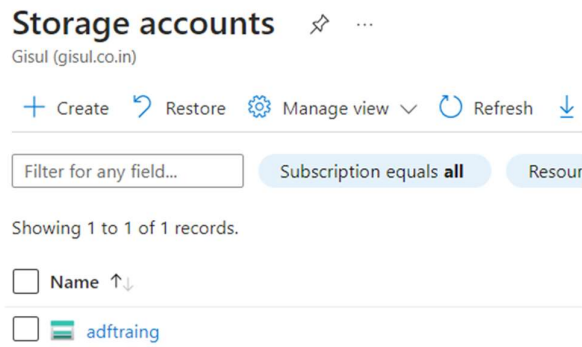
4. Under Container click on plus symbol to create a container.

5. Give the name select Access and click on Create.

6. Now click on the container that we just created.

7. Next click on Upload and select the file from the local system.

Static Website

1. Go to the Storage Account home page and click on Static Website.
2. Enable the option and give the below Index document name and Error document path.
3. Next click on Save.

4. After clicking on Save, you will see like below.
5. Click on the $web option.

6. In our local system we have these blob html files and folders.

7. We need to upload all these files and folders below. Click on the Upload option.

8. Under Advance give the folder name as images and browse all the files that are present in the image folder.
9. Next click on Upload.
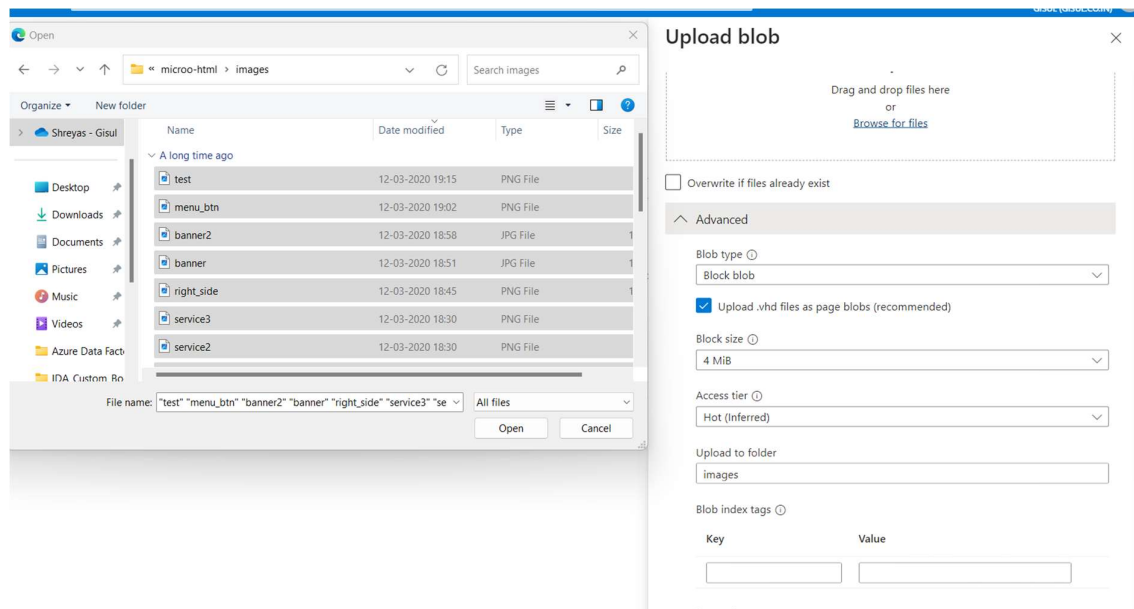
10. Under Advance give the folder name as js and browse all the files that are present in the js folder.
11. Next click on Upload.
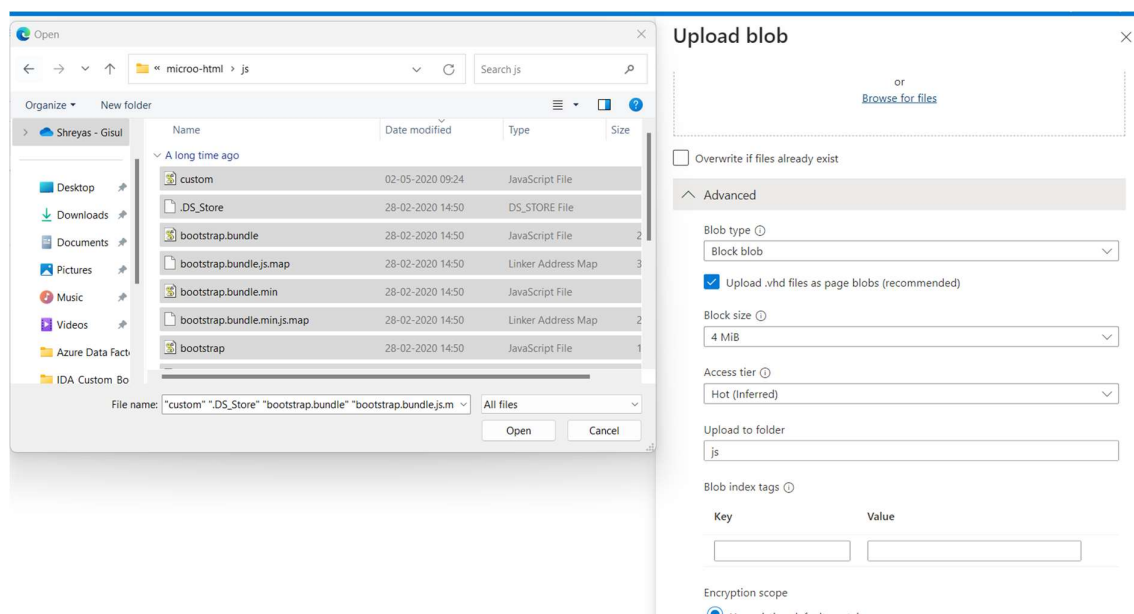
12. Under Advance give the folder name as css and browse all the files that are present in the css folder.
13. Next click on Upload.

14. Under Advance give the folder name as fonts and browse all the files that are present in the fonts folder.
15. Next click on Upload.
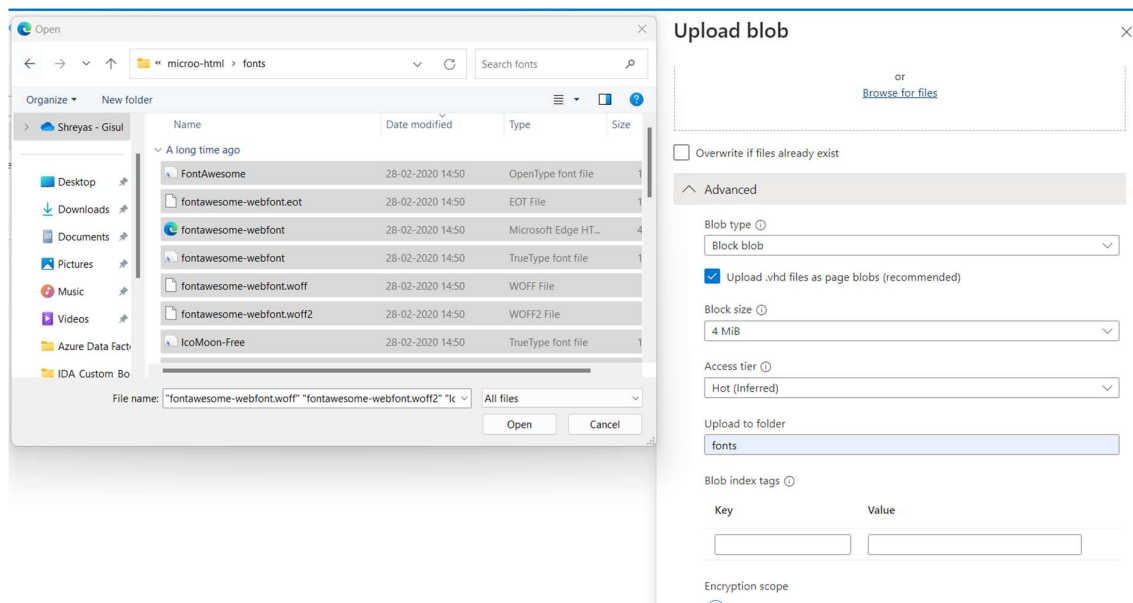
16. Next upload all the html files as shown below.
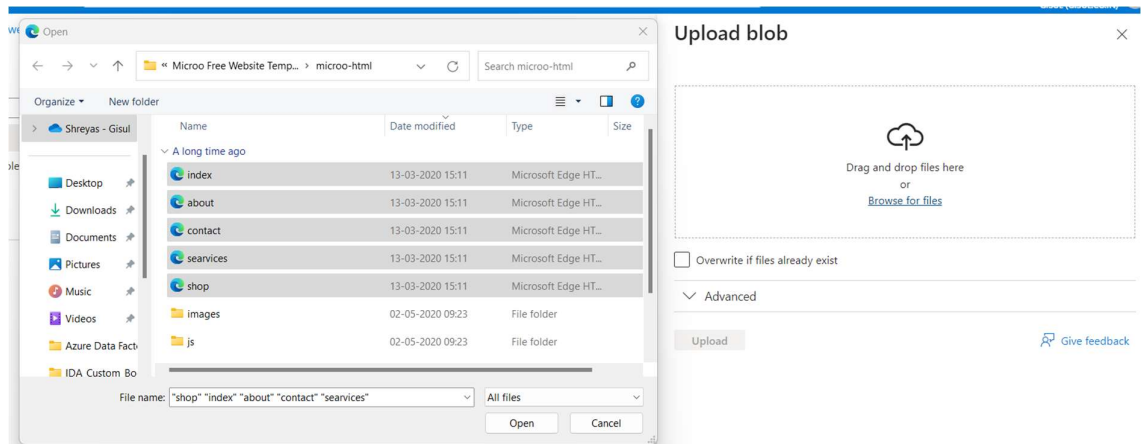
17. These are the files we uploaded so far.

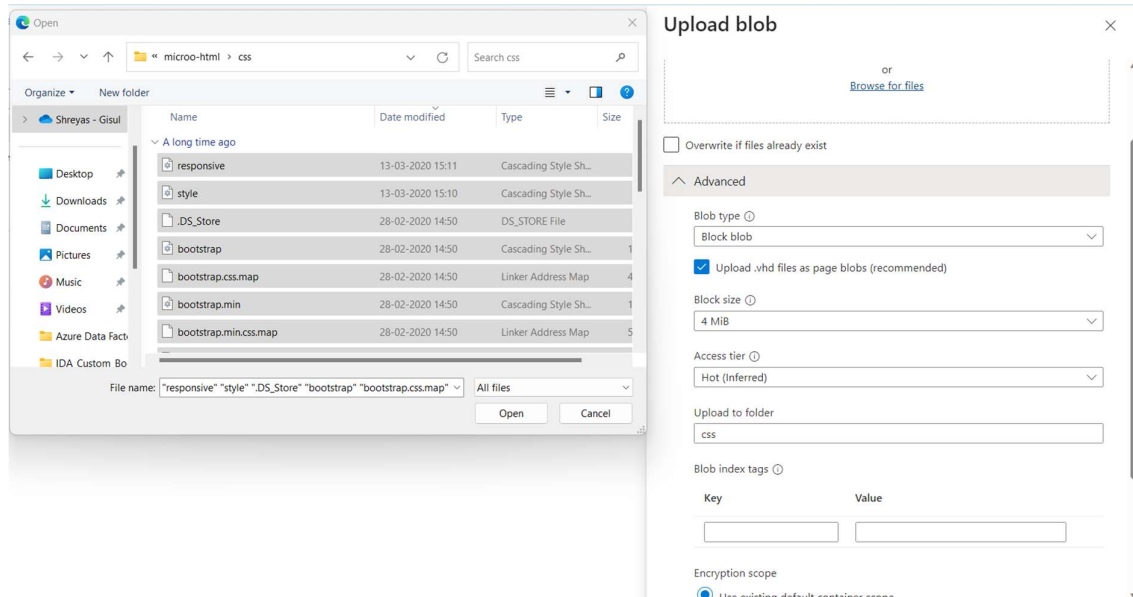18. Go to Web Static and copy the Primary endpoint.
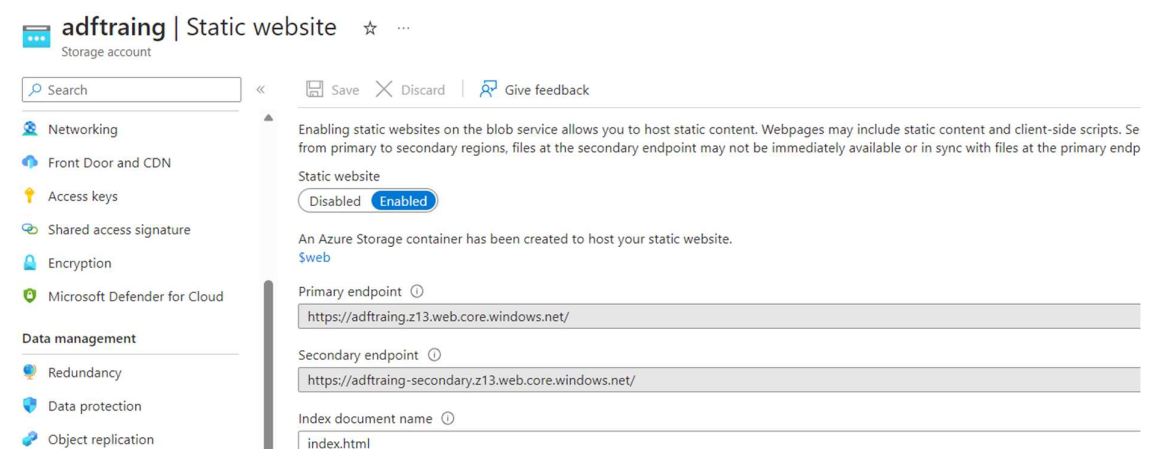
19. Paste it in Chrome or Edge. Then you will see the website as shown below.
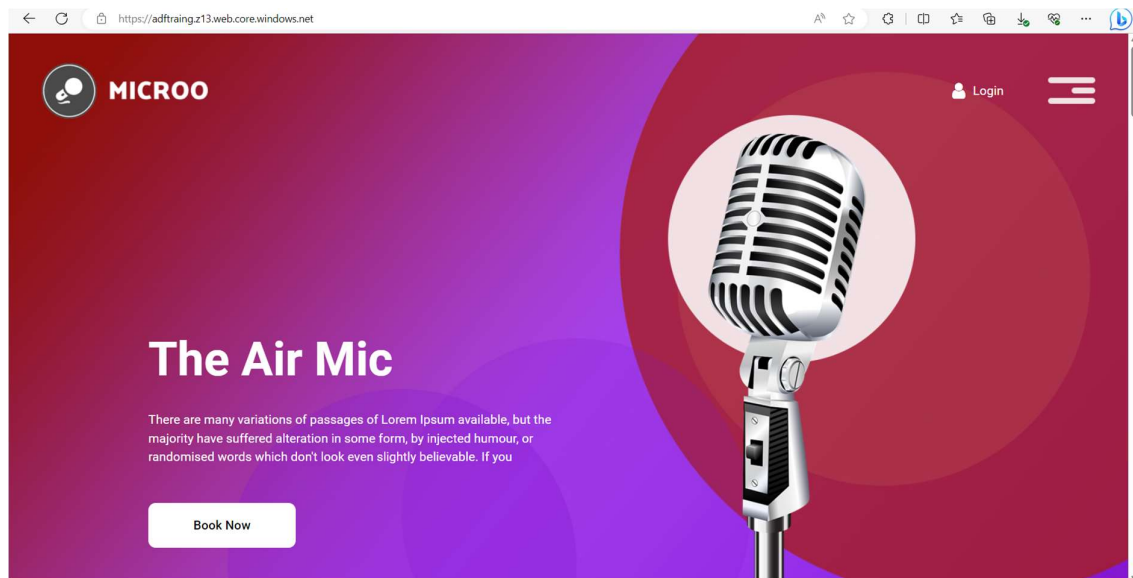
Creating Azure Data Lake Gen-2 Storage

1. On the Home page click on Storage Account.

2. Click on the Create plus symbol.

3. Under basic give the New Resource group as shown below.

Create a storage account   ...

Basics   Advanced   Networking   Data protection   Encryption   Tags   Review

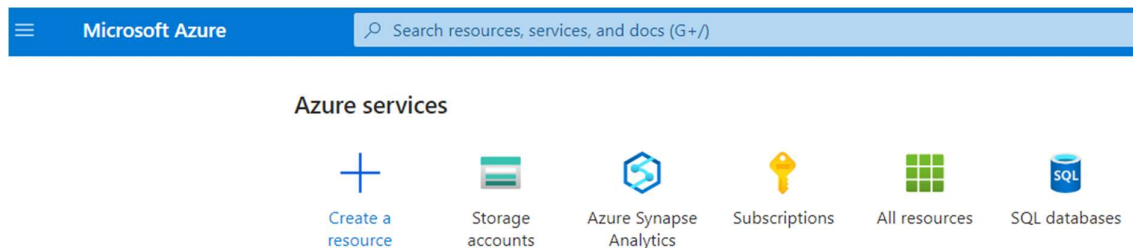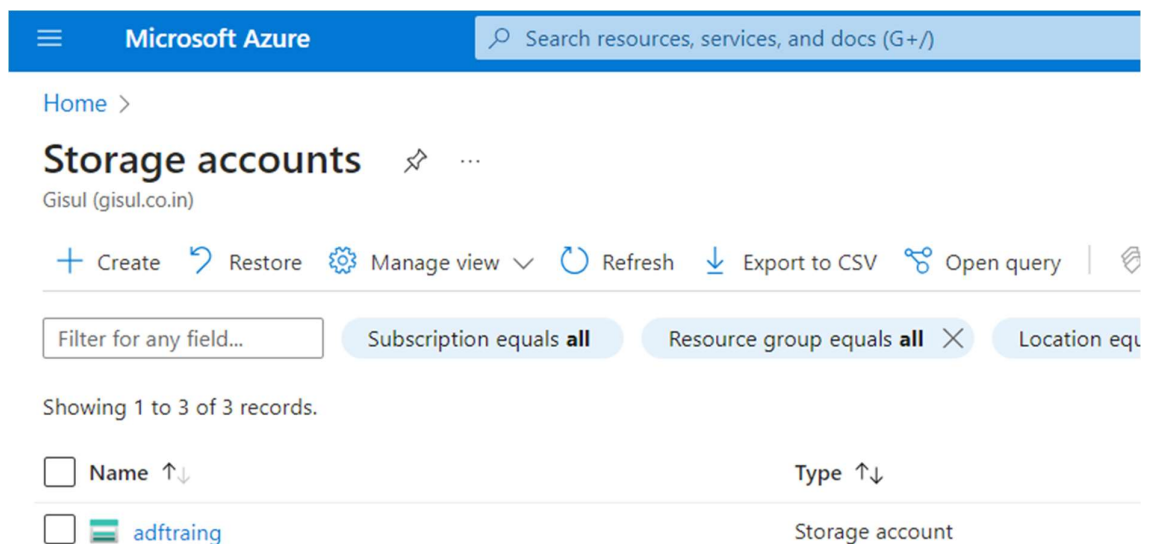Select the subscription in which to create the new storage account. Choose a new or existing resource group to organize and manage your storage account together with other resources.

Subscription *   Microsoft Partner Network   ⌄

  Resource group *   ADFResource   ⌄
         Create new

A resource group is a container that holds related resources for an Azure solution.

Name *
adfsag2

OK   Cancel

Instance details

Storage account name ⓘ *

Region ⓘ *

Performance ⓘ *   ⦿ **Standard:** Recommended for most scenarios (general-purpose v2 account)

4. Next set the below properties and click on Next.

Instance details

Storage account name ⓘ *   storageaccg2

Region ⓘ *   (US) East US   ⌄
                                     Deploy to an edge zone

Performance ⓘ *   ⦿ **Standard:** Recommended for most scenarios (general-purpose v2 account)

                                     ◯ **Premium:** Recommended for scenarios that require low latency.

Redundancy ⓘ *   Locally-redundant storage (LRS)   ⌄

Review   < Previous   Next : Advanced >

5. Under Advanced enable the Hierarchical Namespace option.

Basics   **Advanced**   Networking   Data protection   Encryption   Tags   Review

Enable storage account key access ⓘ   ☑

Default to Azure Active Directory
authorization in the Azure portal ⓘ   ☐

Minimum TLS version ⓘ | Version 1.2   ∨ |

Permitted scope for copy operations | From any storage account   ∨ |
(preview) ⓘ

Hierarchical Namespace

Hierarchical namespace, complemented by Data Lake Storage Gen2 endpoint, enables file and directory semantics, accelerates
big data analytics workloads, and enables access control lists (ACLs) Learn more

Enable hierarchical namespace   ☑

6. Click on Review.
7. Click on Create.

Create a storage account ···

Basics   Advanced   Networking   Data protection   Encryption   Tags   **Review**

Basics

Subscription	Microsoft Partner Network
Resource Group	adfsag2
Location	eastus
Storage account name	storageaccg2
Deployment model	Resource manager
Performance	Standard
Replication	Locally-redundant storage (LRS)

Advanced

Enable hierarchical namespace	Enabled
Enable network file system v3	Disabled
Allow cross-tenant replication	Disabled
Access tier	Hot
Enable SFTP	Disabled

Create   < Previous   Next >   Download a template for automation

8. After creating it you will see the screen below.
9. Click on Go to Resource.

10. Under containers click on the plus symbol.

11. Give the name and click on Create.

12. Here we have created a container for this storage.
13. Click on it,

14. Here you can upload files.