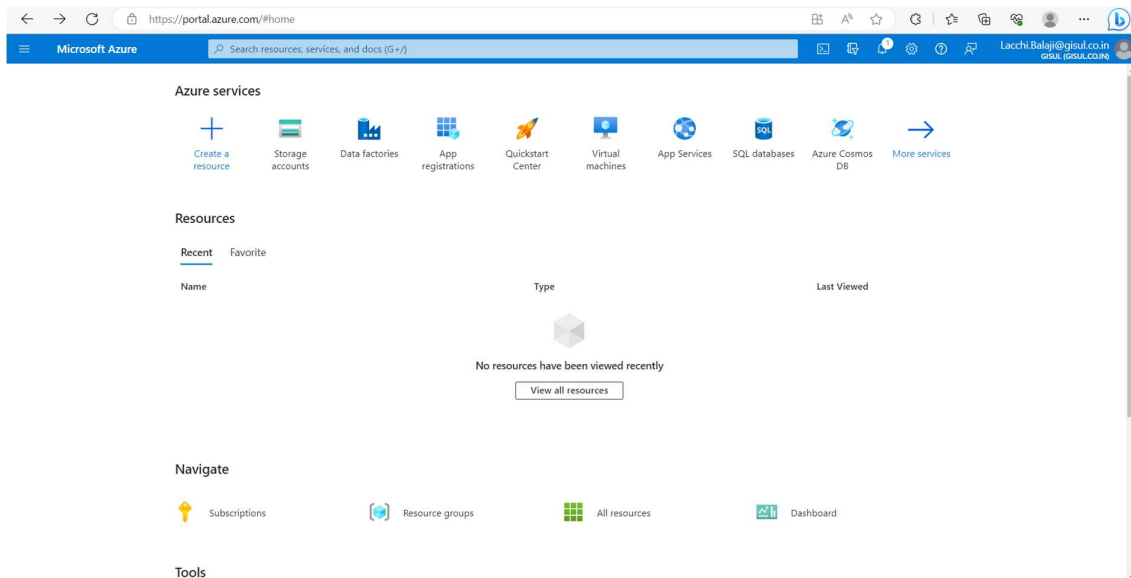


Context

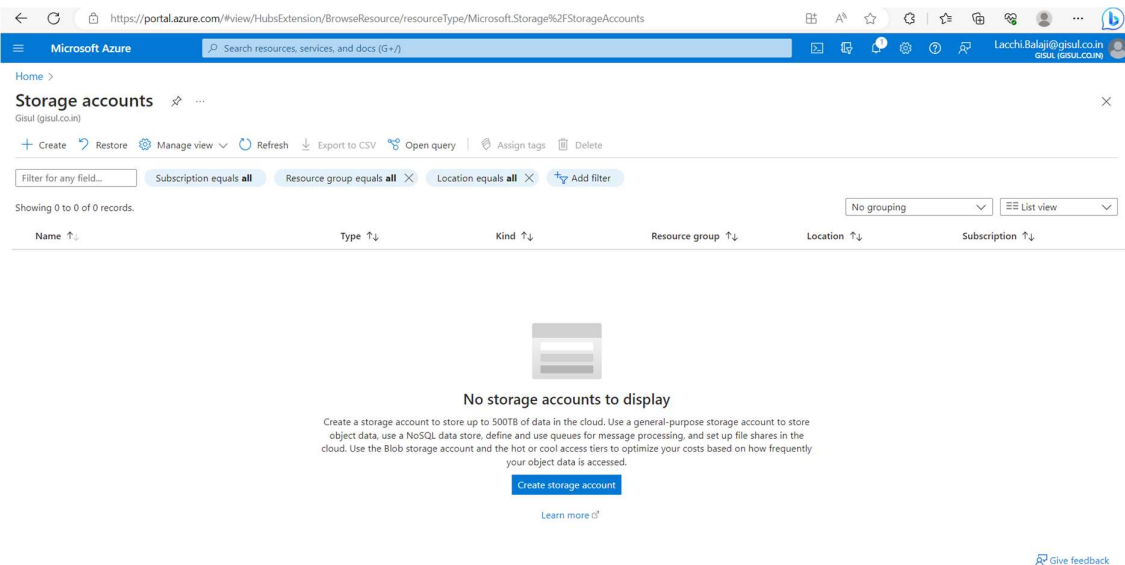
Create Storage Account	2 – 4
Upload File	4 – 6
Static Website	6 – 11
Create Data Lake Gen-2 Storage	11 – 15

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.



- 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 *

Resource group *

[Create new](#)

- Give the name and click on OK.

- Then give the storage name and check the below properties then click on Review.

Basics Advanced Networking Data protection Encryption Tags Review

Subscription *

Resource group *

[Create new](#)

Instance details

Storage account name ⓘ *

Region ⓘ *

[Deploy to an edge zone](#)

Performance ⓘ *

☒ **Standard:** Recommended for most scenarios (general-purpose v2 account)

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

Redundancy ⓘ *

☒ Make read access to data available in the event of regional unavailability.

Review < Previous Next : Advanced >

7. Next click on Create as shown below.

Basics Advanced Networking Data protection Encryption Tags Review

Basics

Subscription	Microsoft Partner Network
Resource Group	ADFRResource
Location	eastus
Storage account name	adftraing
Deployment model	Resource manager
Performance	Standard
Replication	Read-access geo-redundant storage (RA-GRS)

Advanced

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

Create < Previous Next > [Download a template for automation](#)

8. After some time it will show like below.

Microsoft Azure Search resources, services, and docs (G+I)

Home > adftraing_1689831764910 | Overview ...

Deployment

Search Delete Cancel Redeploy Download Refresh

Overview Inputs Outputs Template

✓ Your deployment is complete

Deployment name: adftraing_1689831764910
Subscription: Microsoft Partner Network
Resource group: ADFResource

Start time: 7/20/2023, 11:12:56 AM
Correlation ID: 1d8d8179-0e39-4d48-915b-202570c14110

Deployment details

Next steps

Go to resource

Give feedback

Tell us about your experience with deployment

Cost Management

Get notified to stay within your budget and prevent unexpected charges on your bill.
Set up cost alerts >

Microsoft Defender for Cloud

Secure your apps and infrastructure

Upload File

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

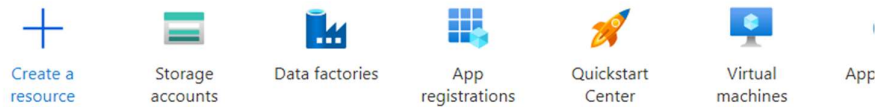
Std_details

File Edit View

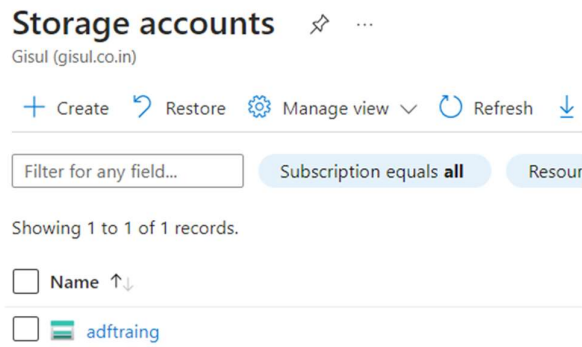
```
SID,NAME,SUBJECT,MARKS
1,Mike,Maths,80
1,Mike,Science,75
1,Mike,English,76
1,Mike,Hindi,68
2,Dean,Maths,78
2,Dean,Science,45
2,Dean,English,65
2,Dean,Hindi,69
```

2. On the Home page click on Storage Account.

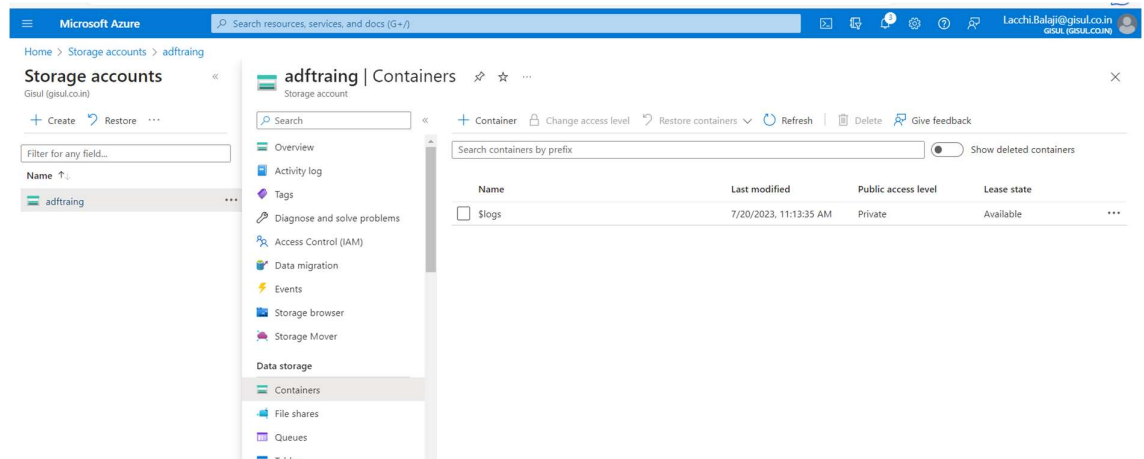
Azure services



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.

Name *

f-demo ✓

Public access level ⓘ

Container (anonymous read access for containers and blobs) ▼

⚠ All container and blob data can be read by anonymous request. Clients can enumerate blobs within the container by anonymous request, but cannot enumerate containers within the storage account.

✓ Advanced

- Now click on the container that we just created.

+ Container		🔒 Change access level	↺ Restore containers	⌵	🔄 Re
Search containers by prefix					
Name			Last modified		
<input type="checkbox"/>	\$logs		7/20/2023, 11:		
<input type="checkbox"/>	f-demo		7/20/2023, 11:		

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

f-demo

Container

Search

Upload

Change access level

Refresh

Delete

Change tier

Acquire lease

Break lease

View snapshots

Create snapshot

Give feedback

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Shared access tokens

Access policy

Properties

Authentication method: Access key (Switch to Azure AD User Account)

Location: f-demo

Search blobs by prefix (case-sensitive)

Show deleted blobs

Add filter

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
<input type="checkbox"/> Std_details.txt	7/20/2023, 11:41:27 ...	Hot (Inferred)		Block blob	166 B	Available

Static Website

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

Microsoft Azure

Search resources, services, and docs (G+)

Home > adftraing

adftraing | Static website

Storage account

Search

Save

Discard

Give feedback

Shared access signature

Encryption

Microsoft Defender for Cloud

Data management

Redundancy

Data protection

Object replication

Blob inventory

Static website

Lifecycle management

Azure search

Settings

Enabling static websites on the blob service allows you to host static content. Webpages may include static from primary to secondary regions, files at the secondary endpoint may not be immediately available or in

Static website

Disabled Enabled

Index document name ⓘ

index.html

Error document path ⓘ

error.html

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

Save ✕ Discard | Give feedback

Enabling static websites on the blob service allows you to host static content. Webpages may include static content and client-side scripts. Servers from primary to secondary regions, files at the secondary endpoint may not be immediately available or in sync with files at the primary endpoint.

Static website

Disabled **Enabled**

An Azure Storage container has been created to host your static website.

[\\$web](#)

Primary endpoint ⓘ

<https://adftraing.z13.web.core.windows.net/>

Secondary endpoint ⓘ

<https://adftraing-secondary.z13.web.core.windows.net/>

Index document name ⓘ

index.html

Error document path ⓘ

error.html

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

Downloads > Microo Free Website Template - Free-CSS.com > microo-html

Name	Date modified	Type	Size
A long time ago			
index	13-03-2020 15:11	Microsoft Edge HT...	21 KB
about	13-03-2020 15:11	Microsoft Edge HT...	8 KB
contact	13-03-2020 15:11	Microsoft Edge HT...	8 KB
searvices	13-03-2020 15:11	Microsoft Edge HT...	9 KB
shop	13-03-2020 15:11	Microsoft Edge HT...	10 KB
images	02-05-2020 09:23	File folder	
js	02-05-2020 09:23	File folder	
css	02-05-2020 09:23	File folder	
fonts	02-05-2020 09:23	File folder	
icon	27-07-2019 19:20	File folder	

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

Microsoft Azure Search resources, services, and docs (G+)

Home > adftraing | Static website >

\$web ...
Container

Search « Upload Change access level Refresh Delete Change tier Acquire lease Break lease View sn

Overview

Diagnose and solve problems

Access Control (IAM)

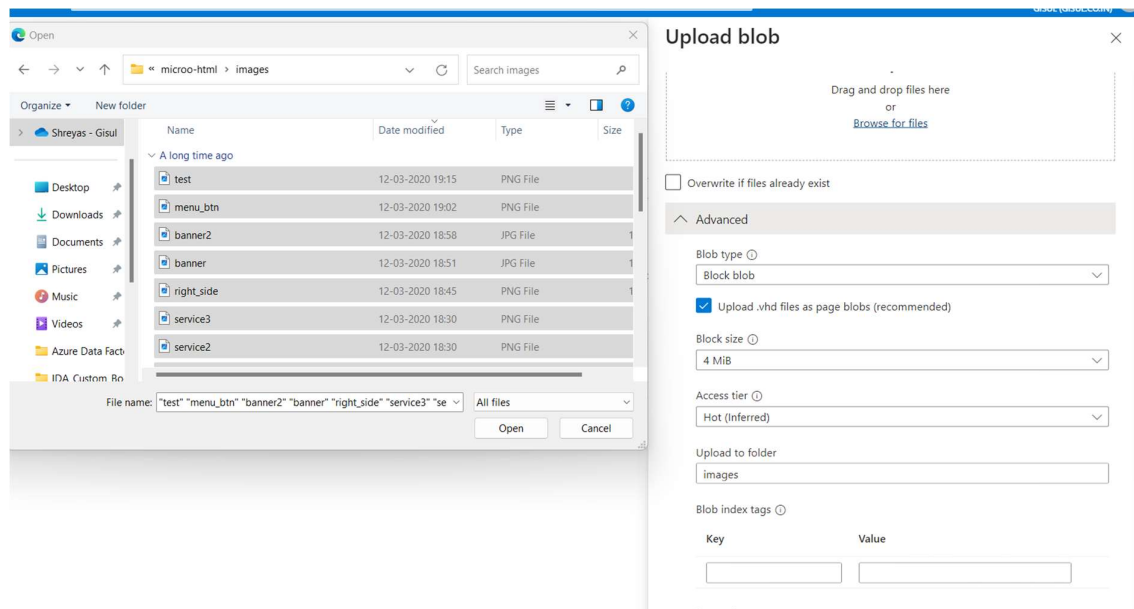
Settings

Authentication method: Access key (Switch to Azure AD User Account)
Location: \$web

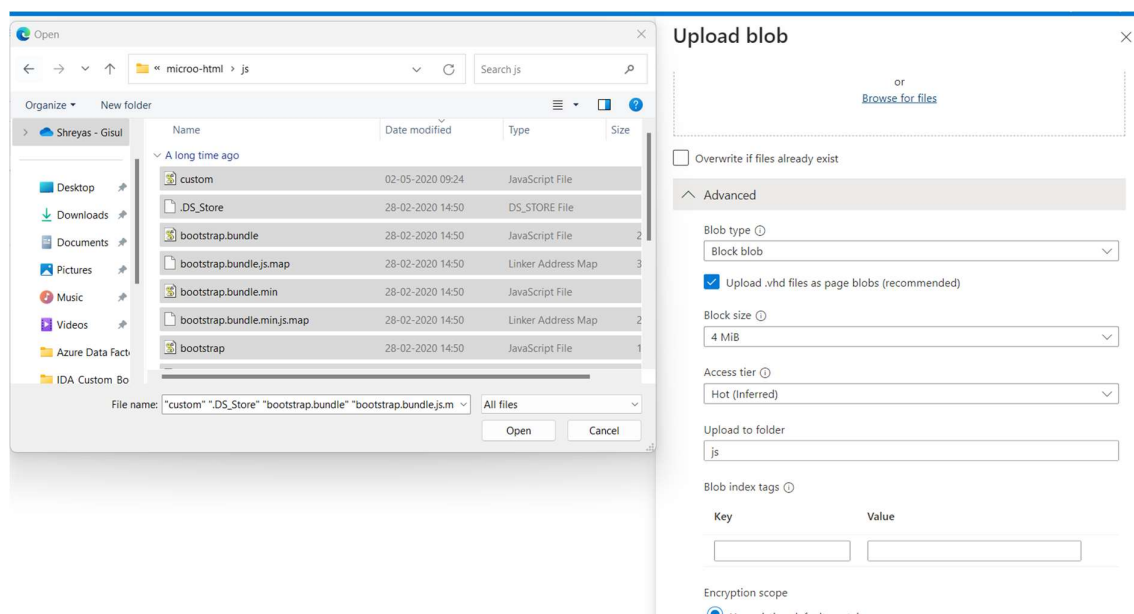
Search blobs by prefix (case-sensitive)

Add filter

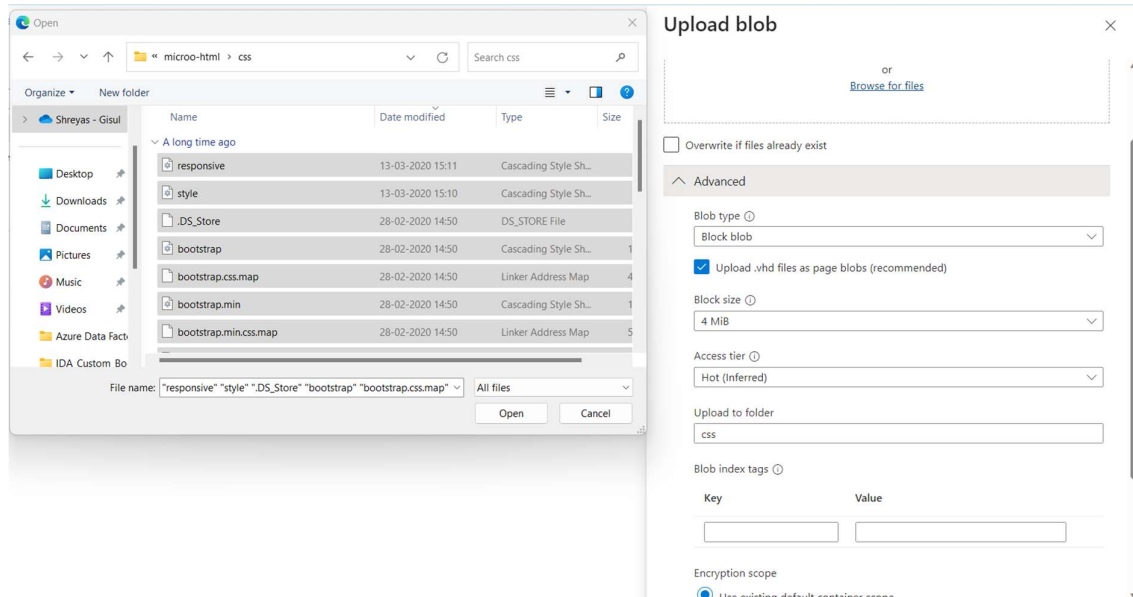
8. Under Advance give the folder name as images and browse all the files that are present in the image folder.
9. Next click on Upload.



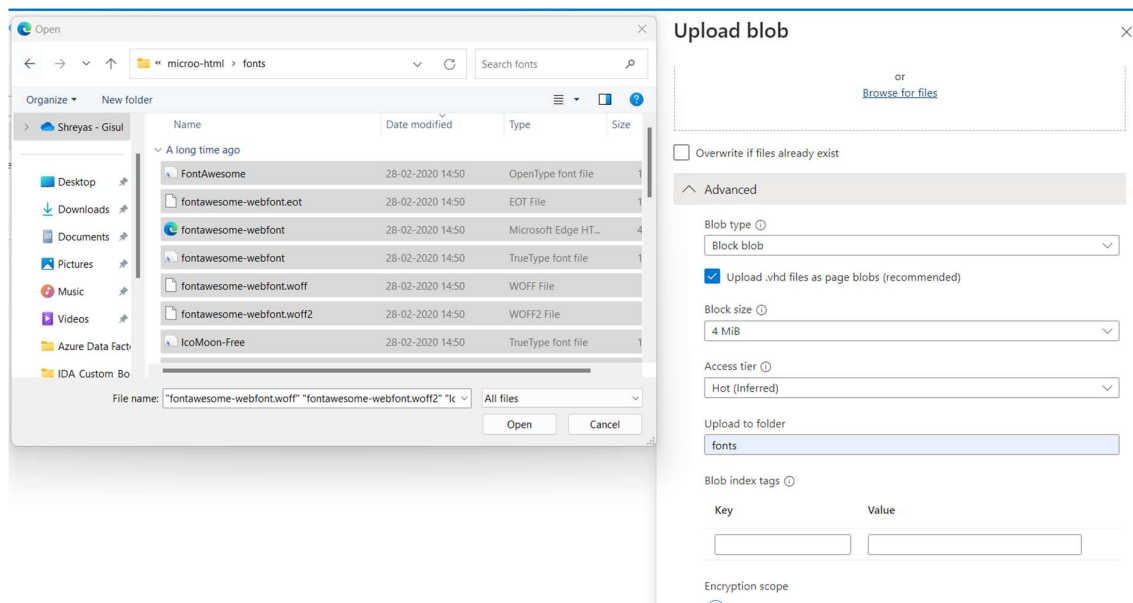
10. Under Advance give the folder name as js and browse all the files that are present in the js folder.
11. Next click on Upload.



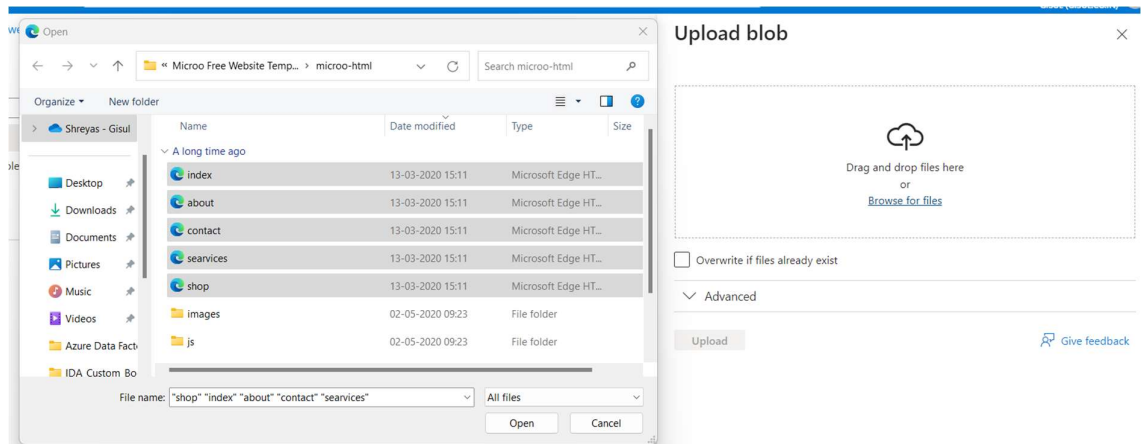
12. Under Advance give the folder name as css and browse all the files that are present in the css folder.
13. Next click on Upload.



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.



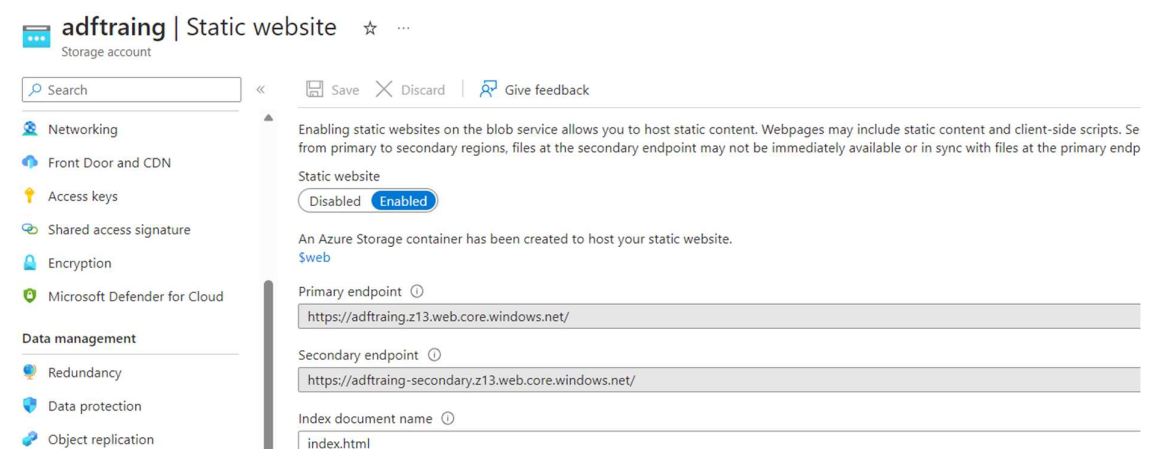
16. Next upload all the html files as shown below.



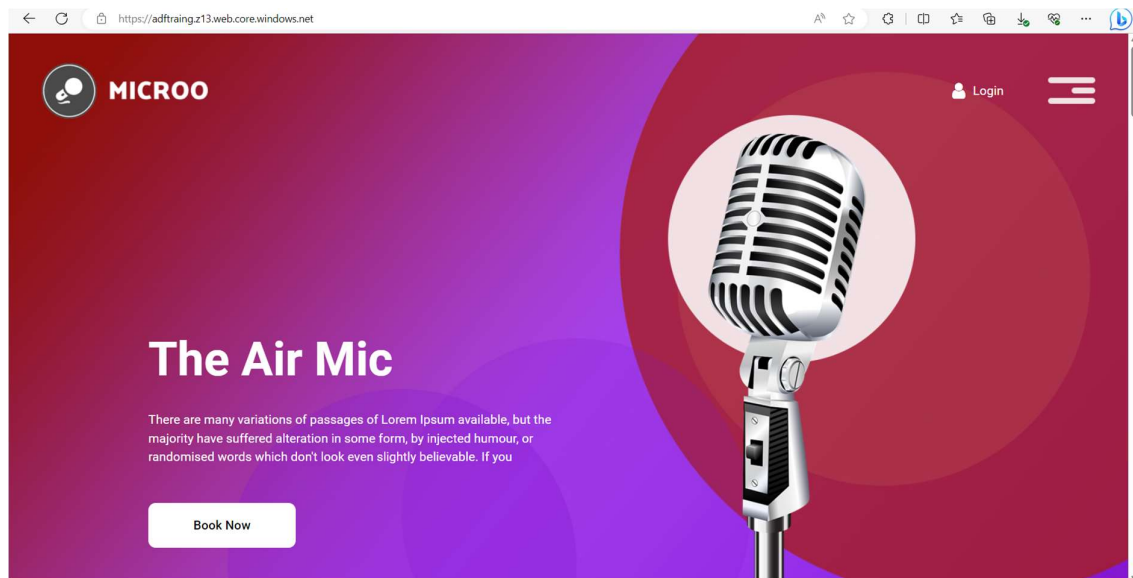
17. These are the files we uploaded so far.

Add filter						
	Name	Modified	Access tier	Archive status	Blob type	Si
<input type="checkbox"/>	css					
<input type="checkbox"/>	fonts					
<input type="checkbox"/>	images					
<input type="checkbox"/>	js					
<input type="checkbox"/>	about.html	8/30/2023, 3:03:32 PM	Hot (Inferred)		Block blob	7.
<input type="checkbox"/>	contact.html	8/30/2023, 3:03:32 PM	Hot (Inferred)		Block blob	7.
<input type="checkbox"/>	index.html	8/30/2023, 3:03:32 PM	Hot (Inferred)		Block blob	2i
<input type="checkbox"/>	searvices.html	8/30/2023, 3:03:32 PM	Hot (Inferred)		Block blob	8.
<input type="checkbox"/>	shop.html	8/30/2023, 3:03:32 PM	Hot (Inferred)		Block blob	9.

18. Go to Web Static and copy the Primary endpoint.

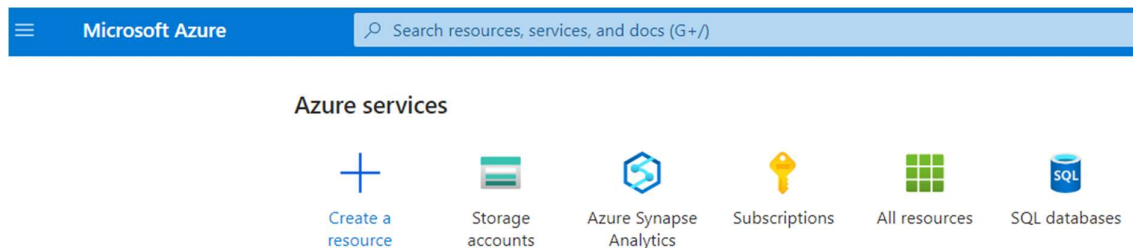


19. Paste it in Chrome or Edge. Then you will see the website as shown below.

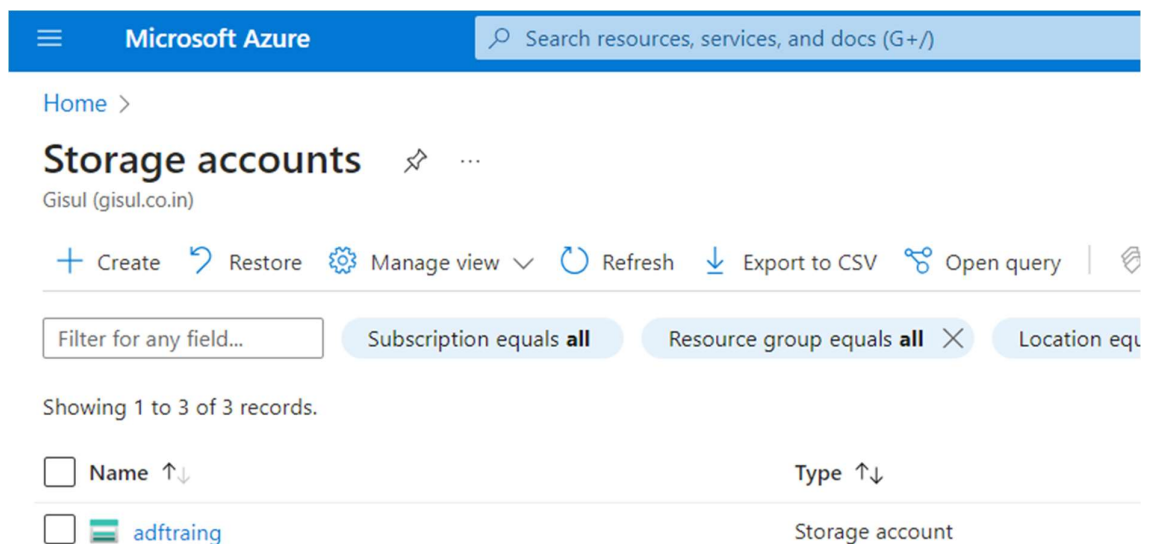


Creating Azure Data Lake Gen-2 Storage

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](#)

Instance details

Storage account name ⓘ *

Region ⓘ *

Performance ⓘ *

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

Name *

adfsag2

OK

Cancel

☒ Standard: Recommended for most scenarios (general-purpose v2 account)

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

Instance details

Storage account name ⓘ *

Region ⓘ *

Performance ⓘ *

Redundancy ⓘ *

storageaccg2

(US) East US

[Deploy to an edge zone](#)

☒ Standard: Recommended for most scenarios (general-purpose v2 account)

☐ Premium: Recommended for scenarios that require low latency.

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 (preview)  From any storage account 

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

... [View all settings](#)

Create [< Previous](#) [Next >](#) [Download a template for automation](#)

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

Home > storageaccount2_1693388992362 | Overview

Deployment

Overview Inputs Outputs Template

✓ Your deployment is complete

Deployment name: storageaccount2_1693388992362
Subscription: Microsoft Partner Network
Resource group: adfsag2

Start time: 8/30/2023, 3:20:03 PM
Correlation ID: 156c95f9-2568-4700-a50c-30d184bc6947

Deployment details
Next steps
[Go to resource](#)

Deployment succeeded
Deployment 'storageaccount2_1693388992362' to resource group 'adfsag2' was successful.
[Go to resource](#) [Pin to dashboard](#)

Cost Management
Get notified to stay within your budget and prevent unexpected charges on your bill.
[Set up cost alerts >](#)

10. Under containers click on the plus symbol.

storageaccount2 | Containers

Storage account

Search

Overview Activity log Tags Diagnose and solve problems Access Control (IAM) Data migration Events Storage browser Data storage Containers File shares

+ Container Change access level Restore containers Refresh

Search containers by prefix

Name	Last
<input type="checkbox"/> \$logs	8/30

11. Give the name and click on Create.

New container

Name *

demo ✓

Anonymous access level ⓘ

Private (no anonymous access) ▼

i The access level is set to private because anonymous access is disabled on this storage account.

Advanced

13. Click on it,

14. Here you can upload files.

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