

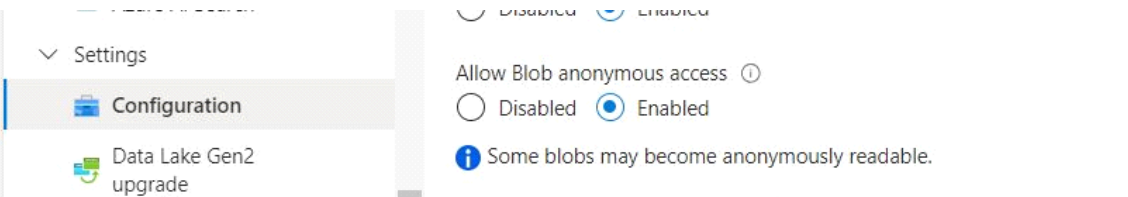
Module 2: Assignment 4

Tasks To Be Performed:

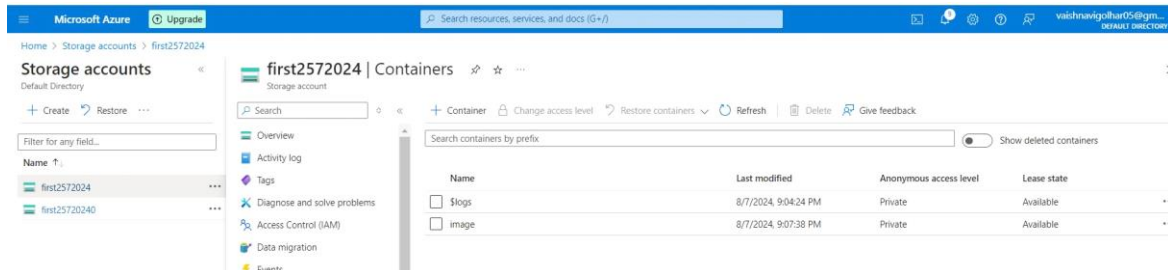
1. Create a Storage account, and upload some files in Blob storage
2. Create a CDN profile
3. Create an endpoint and connect to the Azure Blob to access the files uploaded

Solution:

1. Create a Storage Account and Upload Files in Blob Storage

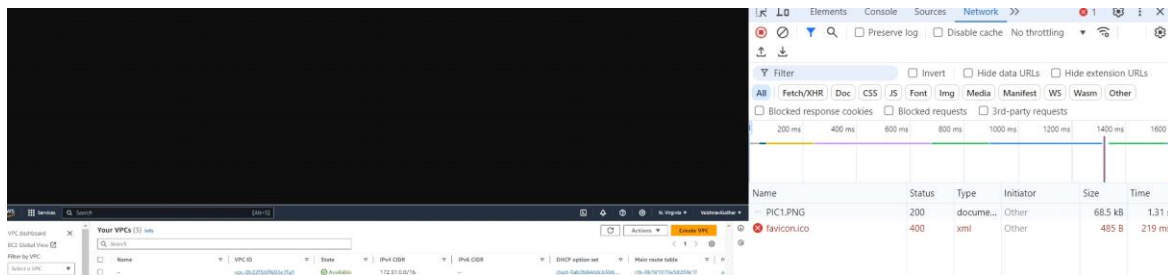
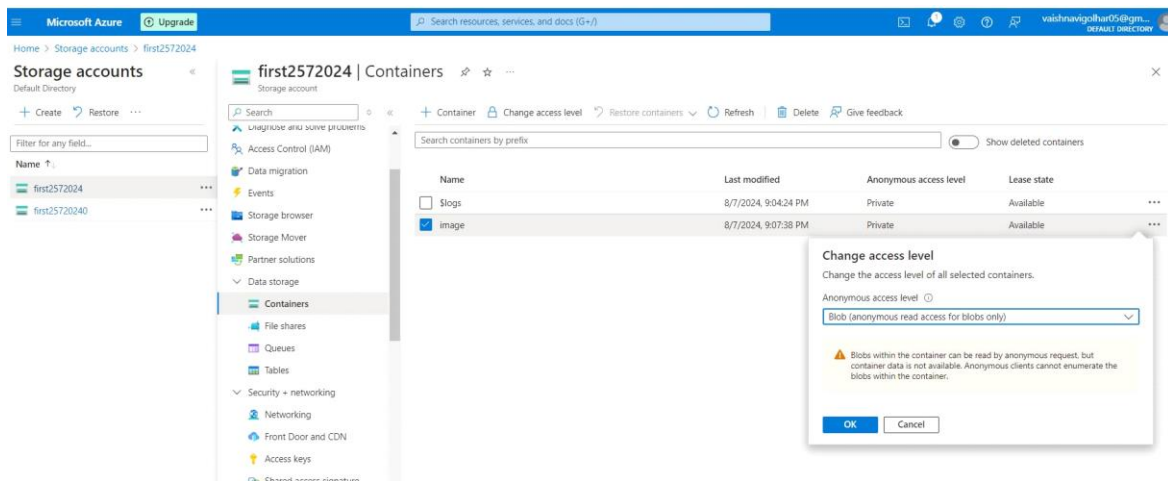
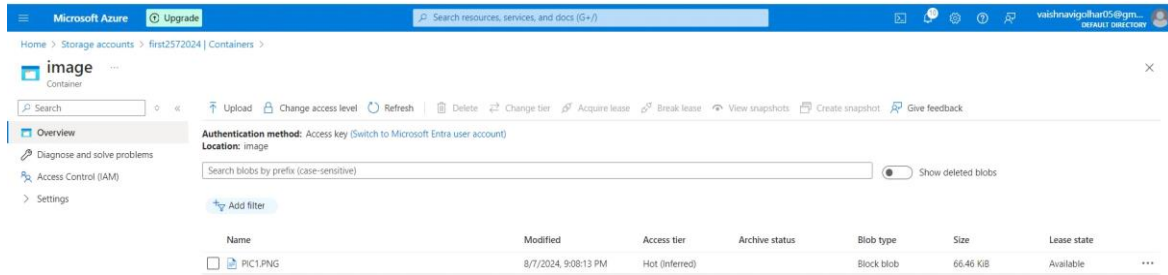


The screenshot shows the 'Configuration' tab in the Azure portal for a storage account. The 'Allow Blob anonymous access' toggle is set to 'Enabled'. A message below the toggle states: 'Some blobs may become anonymously readable.'



The screenshot shows the 'Containers' view for a storage account named 'first2572024'. The left sidebar shows the 'Storage accounts' section with a list of accounts: 'first2572024' and 'first25720240'. The main area displays a table of containers:

Name	Last modified	Anonymous access level	Lease state
blobs	8/7/2024, 9:04:24 PM	Private	Available
image	8/7/2024, 9:07:38 PM	Private	Available



2. Create a CDN Profile

Navigate to CDN Profiles:

1. In the Azure Portal, search for CDN profiles in the search bar.

Click on + Create.

Configure the CDN Profile:

2. Choose your Subscription and Resource Group (use the same one as the storage account for consistency).

Provide a CDN Profile Name.

Select a Pricing Tier based on your needs (Standard Akamai, Standard Microsoft, etc.).

Choose the Location (region) where the profile will be created.

Click Review + create, and then Create.

The screenshot shows the Microsoft Azure portal interface. At the top, there's a blue header with 'Microsoft Azure' and an 'Upgrade' button. Below the header, the page title is 'Free Trial | Resource providers'. A search bar on the left contains the text 'cdn'. To the right of the search bar, there are buttons for 'Register', 'Unregister', 'Refresh', and 'Feedback'. Below the search bar, a table lists the resource providers. The table has two columns: 'Provider' and 'Status'. The first row shows 'Microsoft.Cdn' as the provider and 'Registered' as the status, indicated by a green checkmark.

Provider	Status
Microsoft.Cdn	Registered

Microsoft Azure

Upgrade

Search resources, services, and docs (G+/I)

Home >

Front Door and CDN profiles

Default Directory

CreateManage viewRefreshExport to CSVOpen queryAssign tags

Filter for any field...Subscription equals allResource group equals allLocation equals allAdd filter

Showing 0 to 0 of 0 records.

No grouping

NamePricing tierService typeResource IDSubscriptionSubscription IDResource group

No front door and CDN profiles to display

Azure Front Door and CDN profiles is security led, modern cloud CDN that provides static and dynamic content acceleration, global load balancing and enhanced security for your apps, APIs and websites with intelligent threat protection.

Create front door and CDN profile

Learn more

Microsoft Azure

Upgrade

Search resources, services, and docs (G+/I)

Home > Front Door and CDN profiles >

Compare offerings

Microsoft Azure

Choose between Azure Front Door and other offerings.

Azure Front Door

Azure Front Door is a secure cloud CDN which provides static and dynamic content acceleration, global load balancing and protection of your apps, APIs and websites with intelligent threat protection.

Explore other offerings

See offerings for our Azure Front Door (classic) and Azure CDN Standard from Microsoft (classic), along with our partner offerings.

Choose other offerings

Azure Front Door (classic)

A global and scalable entry point that uses Microsoft global network to provide dynamic application acceleration, load balancing and security.

Azure Front Door (classic) will be retired on March 31, 2027. It is highly recommended to start new creations on Azure Front Door Standard and Premium to avoid future migrations and benefit from all the new and enhanced capabilities.

Azure CDN Standard from Microsoft (classic)

A global content delivery network that uses Microsoft global network for content caching and acceleration.

Azure CDN Premium from Edgio

Edgio Media operates a global CDN platform with a focus on media streaming, delivery and security.

Azure CDN Standard from Edgio

Edgio Media operates a global CDN platform with a focus on media streaming, delivery and security.

Continue

CDN profile

Resource group *

456

Create new

Resource group region ⓘ

Central India

Profile details

Name *

cdntesting

Region

Global

CDN profiles are global resources that work across Azure regions

Pricing tier *

Microsoft CDN (classic)

[View full pricing details](#)

Endpoint settings

Create a new CDN endpoint

☒

CDN endpoint name *

cdntestingvaish

.azureedge.net

Origin type *

Storage

Origin hostname * ⓘ

first2572024.blob.core.windows.net

Query string caching behavior * ⓘ

Ignore query strings

CDN profile ...

 Validation passed.

- Basics
- Tags
- Review + create**

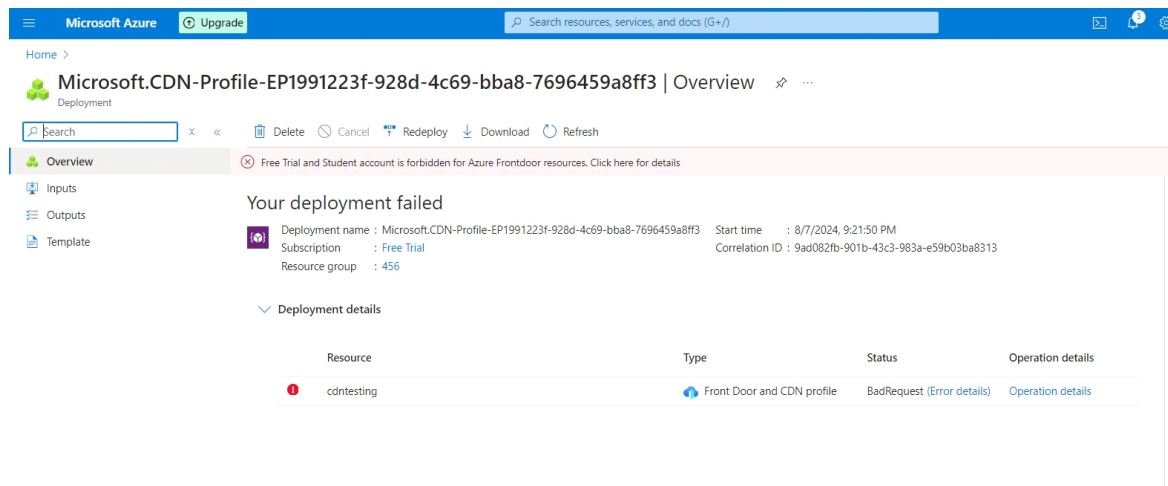
Basics

Subscription	Free Trial
Resource group	456
Resource group region	Central India
Name	cdntesting
Pricing tier	Microsoft CDN (classic)

Endpoint settings

CDN endpoint name	cdntestingvaish
Origin hostname	first2572024.blob.core.windows.net
Query string caching behavior	Ignore query strings

Tags



3. Create a CDN Endpoint and Connect to Azure Blob Storage

After the CDN profile is created, open it and click on + Endpoint.

Configure the Endpoint:

1. Provide an Endpoint name (this forms part of the CDN URL).

Under Origin type, select Storage.

For Origin hostname, select the storage account and container you created earlier.

You can optionally customize other settings like Caching rules, Compression, etc.

Click Add to create the endpoint.

2. Access Files via CDN:

Once the endpoint is deployed (this may take a few minutes), you can

use the CDN endpoint URL to access the files uploaded to Blob storage.

The URL will look something like

<https://<endpoint-name>.azureedge.net/<container-name>/<file-name>>