Hosting a Cloud Resume on Azure Using Azure Storage Static Website and Azure CDN

I am going to create an Azure Storage Account and then I will deploy a Static Website using the same Storage Account. After deploying the website, a container for $web will be created automatically, which will be used for storing the content of my website and these files will be uploaded using Azure Storage Explorer. Once the files are uploaded I will connect Static Website endpoint to Azure CDN using Azure Storage Account.

Pre-requisite:
a. Azure Free tier account/Sandbox
b. Azure Storage Explorer installed and configured on Windows, Linux or Mac

Creating Azure Storage Account

- I have created an Azure Storage Account, please use the image listed below for reference

Create a storage account ...

| Basics | Advanced | Networking | Data protection | Encryption | Tags | Review + create |

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 * | Free Trial ⌄ |

| Resource group * | (New) cloudresumePrashantKhatri ⌄ |
| | Create new |

Instance details

| Storage account name * ⓘ | cloudresumechallenge1pk |

| Region * ⓘ | (US) East US ⌄ |
| | Deploy to an Azure Extended Zone |

| Primary service ⓘ | Select a primary service ⌄ |

| 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. |

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Note: I am going to use default settings to make things easier for this

project.

Deploying a Static Website using Azure Storage Account

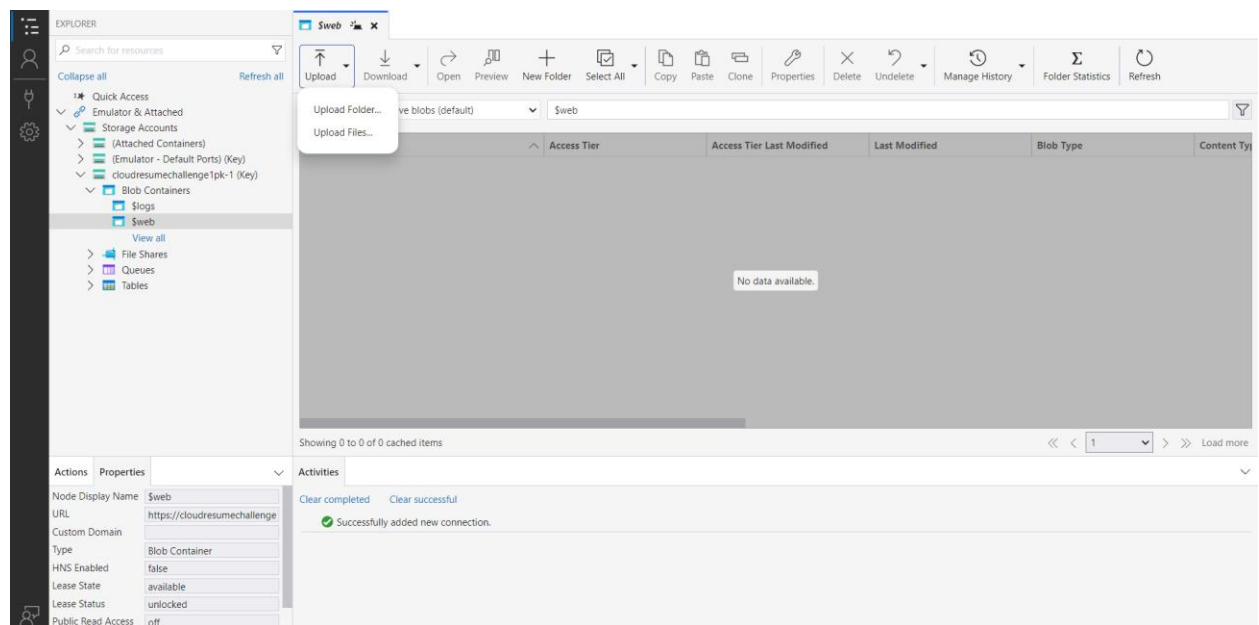- I am going to create a static website using Azure Storage services, please use the images listed below for reference
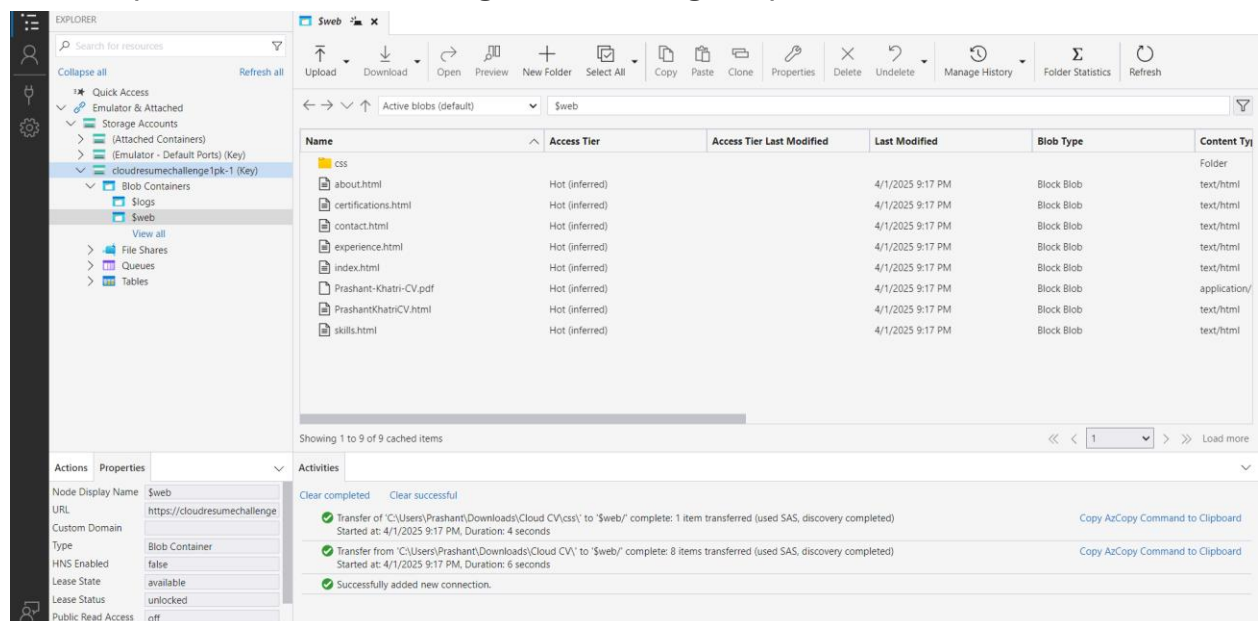

Now type in index.html under Index Document name
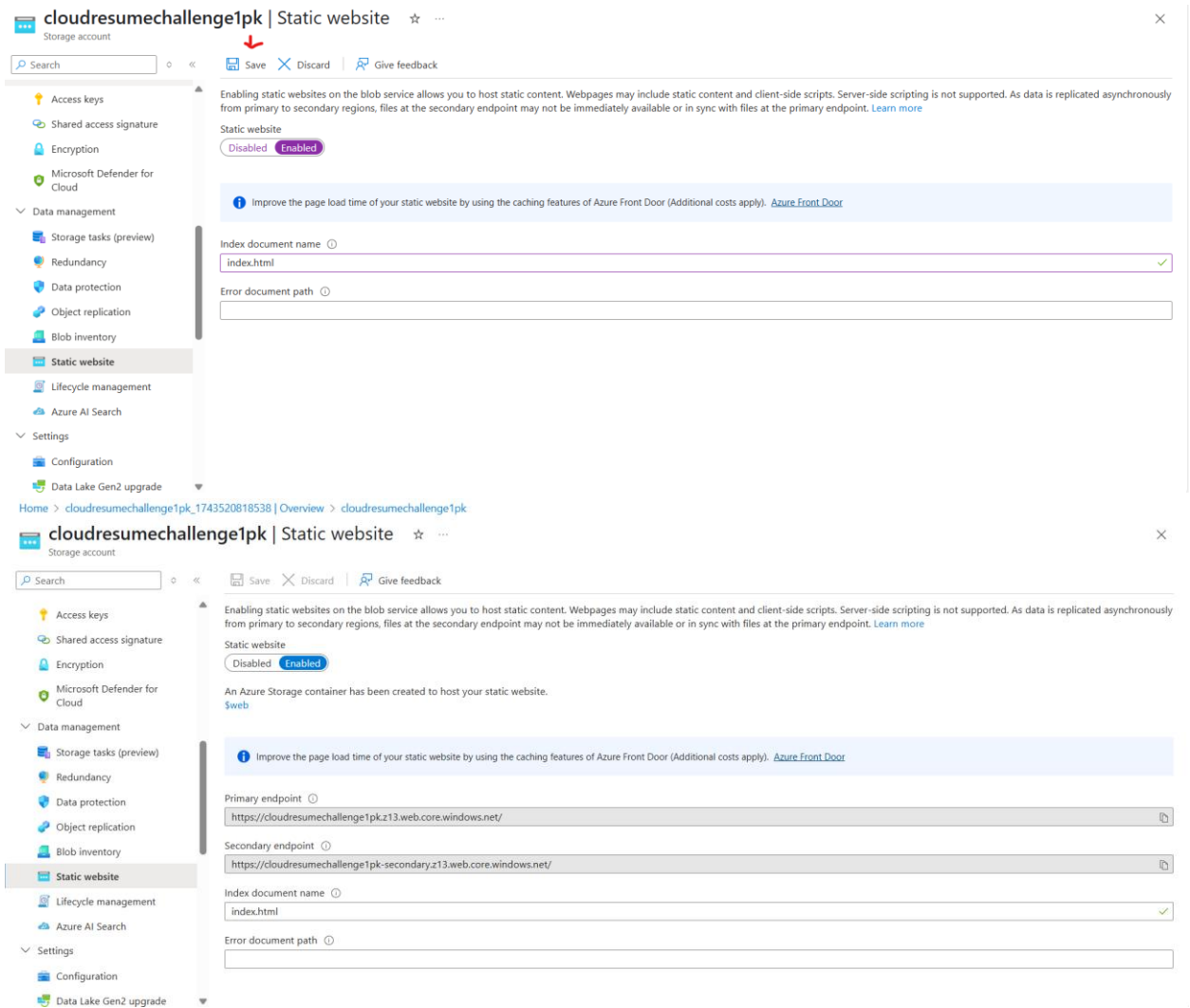
- This will create a blob container $web which will be used for uploading files and folder through Azure Storage Explorer, I have connected the

Storage Account using Access key

- I have uploaded the files using Azure Storage Explorer

Deploying Azure CDN and linking it with Static Website Endpoint

- I have created an Azure CDN profile within the storage account and linked with the Azure Static Website endpoint created earlier using Azure Storage Services, please use the images listed below for reference

This will take 5-10 minutes to complete the deployment and once it is completed this will load our website using Azure CDN Services

Note: With Azure Free Tier Azure CDN Services/Front Door services are not available so try to use a sandbox or Azure pay-as-you go subscription.