

EXP :7

VIKAS

DATE : 10-02-2023

CREATE A STORAGE SERVICE USING ANY PUBLIC CLOUD SERVICE PROVIDER (AZURE) AND CHECK THE PUBLIC ACCESSIBILITY OF THE STORED FILE TO DEMONSTRATE STORAGE AS A SERVICE.

AIM:

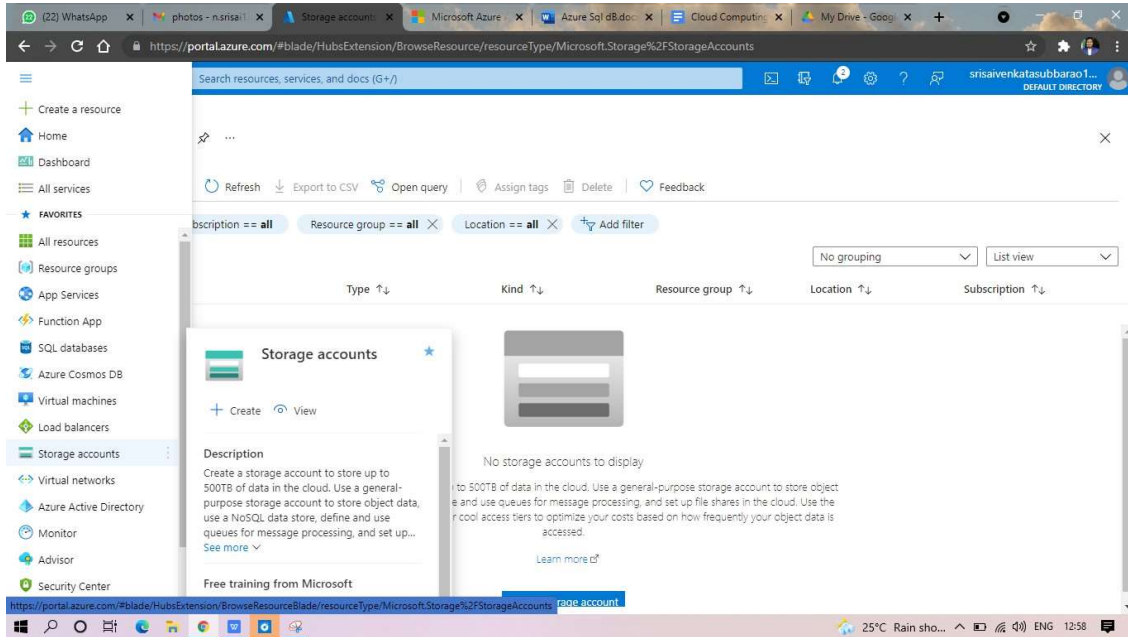
To Create a storage service using any public cloud service provider (azure) and check the public accessibility of the stored file to demonstrate storage as a service.

PROCEDURE:

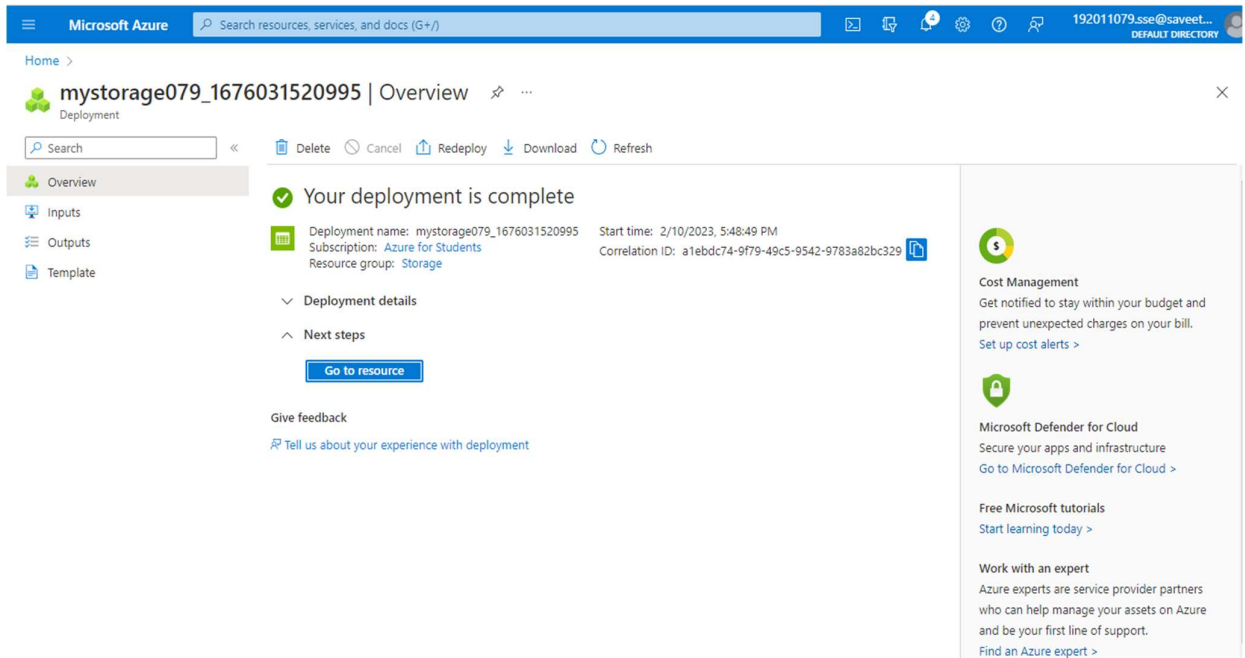
1. Open azure and go to storage accounts and create storage account
2. Enter the resource group and storage account name and review and create and click the create and your storage account will be deployed successfully.
3. And our storage account is created.
4. Go to static website
5. Enable and enter your index and error html files names.
6. Go to storage explorer(review) and go to blob containers and web and upload the two html files
7. Again return to storage and open your file

IMPLEMENTATION:

STEP1: OPEN AZURE AND GOTO STORAGE ACCOUNTS AND CREATESTORAGE ACCOUNT



STEP2: ENTER THE RESOURC GROUP AND STORAGE ACCOUNT NAME AND REVIEW AND CREATE AND CLICK TH CREATE AND YOUR STORAGE ACCOUNT WILL BE DEPLOYED SUCCESSFULLY



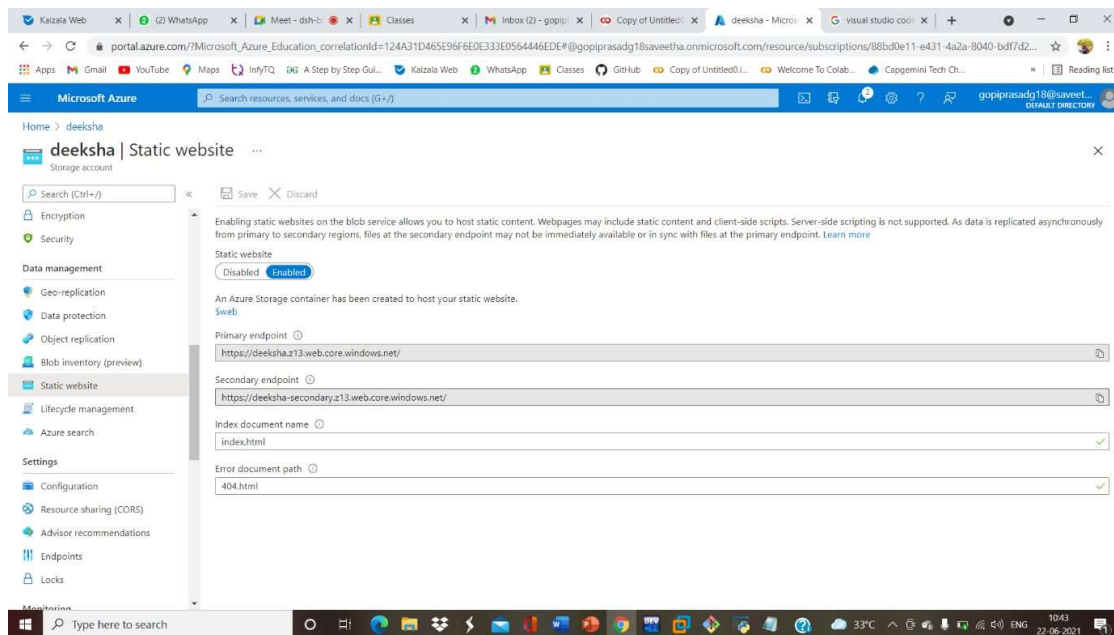
STEP3: AND OUR STORAGE ACCOUNT IS CREATED.

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the 'Microsoft Azure' logo, a search bar, and the user's profile 'srivaikatasubbarao1...'. The left sidebar lists various services under 'Data storage', including 'Containers', 'File shares', 'Queues', 'Tables', and 'Security + networking'. The main content area displays the details for the 'recordstoragesubbarao' storage account. A notification at the top suggests upgrading to the new alerts platform. The 'Essentials' section provides key information: Resource group (Record), Location (East US), Primary/Secondary Location (Primary: East US, Secondary: West US), Subscription (Azure for Students), Subscription ID (db4ee0b-1e34-4be0-9c9c-65cc8d398405), Disk state (Primary: Available, Secondary: Available), Performance/Access tier (Standard/Hot), Replication (Read-access geo-redundant storage (RA-GRS)), Account kind (StorageV2 (general purpose v2)), Provisioning state (Succeeded), and Created (7/21/2021, 1:01:05 PM). Below this, the 'Properties' tab is active, showing 'Blob service' settings: Hierarchical namespace (Disabled), Default access tier (Hot), Blob public access (Enabled), Blob soft delete (Enabled (7 days)), and Versioning (Disabled). The 'Security' section shows 'Require secure transfer for REST API operations' (Enabled), 'Storage account key access' (Enabled), 'Minimum TLS version' (Version 1.2), and 'Infrastructure encryption' (Disabled).

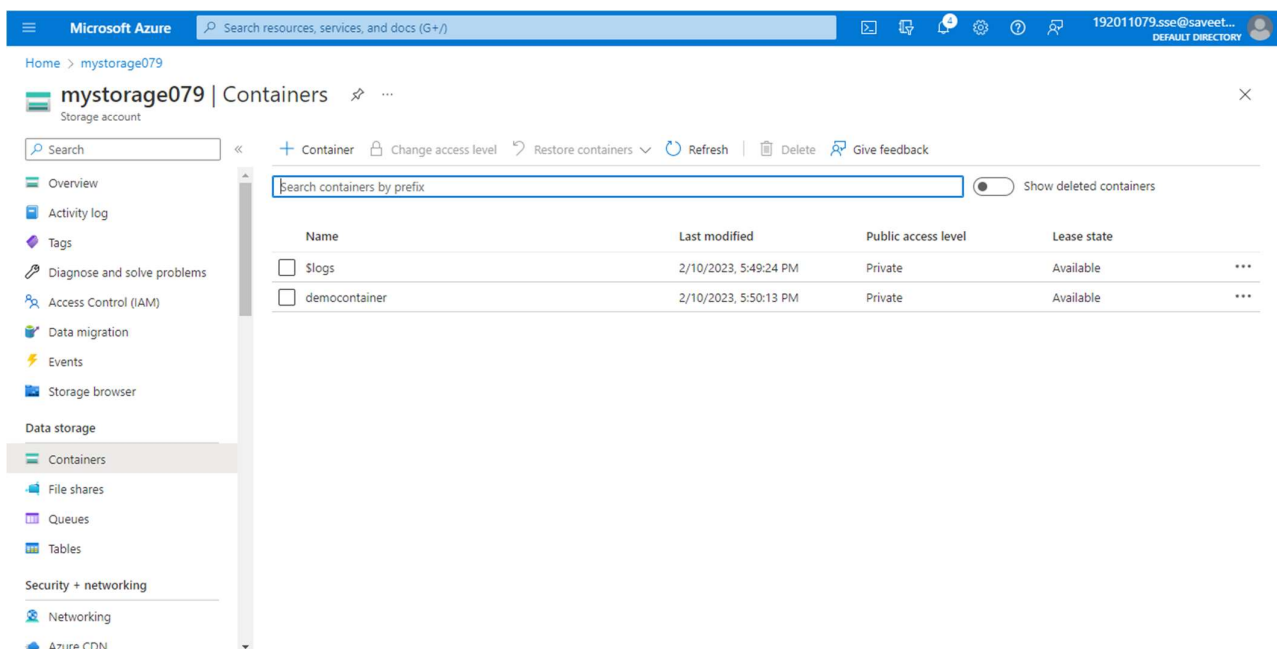
STEP5: GOTO STORAGE EXPLORER

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the 'Microsoft Azure' logo, a search bar, and the user's profile 'gopiprasadg18@savet...'. The left sidebar lists various services under 'Data management', including 'Geo-replication', 'Data protection', 'Object replication', 'Blob inventory (preview)', 'Static website', 'Lifecycle management', and 'Azure search'. The main content area displays the details for the 'deeksha' storage account. A notification at the top suggests upgrading to the new alerts platform. The 'Essentials' section provides key information: Resource group (Gopi), Location (East US), Primary/Secondary Location (Primary: East US, Secondary: West US), Subscription (Azure for Students), Subscription ID (88bd0e11-e431-4a2a-8040-bdf7d22901aa), Disk state (Primary: Available, Secondary: Available), Performance/Access tier (Standard/Hot), Replication (Read-access geo-redundant storage (RA-GRS)), Account kind (StorageV2 (general purpose v2)), Provisioning state (Succeeded), and Created (6/22/2021, 10:17:25 AM). Below this, the 'Properties' tab is active, showing 'Blob service' settings: Hierarchical namespace (Disabled), Default access tier (Hot), Blob public access (Enabled), Blob soft delete (Enabled (7 days)), Container soft delete (Enabled (7 days)), and Versioning (Disabled). The 'Security' section shows 'Require secure transfer for REST API operations' (Enabled), 'Storage account key access' (Enabled), 'Minimum TLS version' (Version 1.2), and 'Infrastructure encryption' (Disabled).

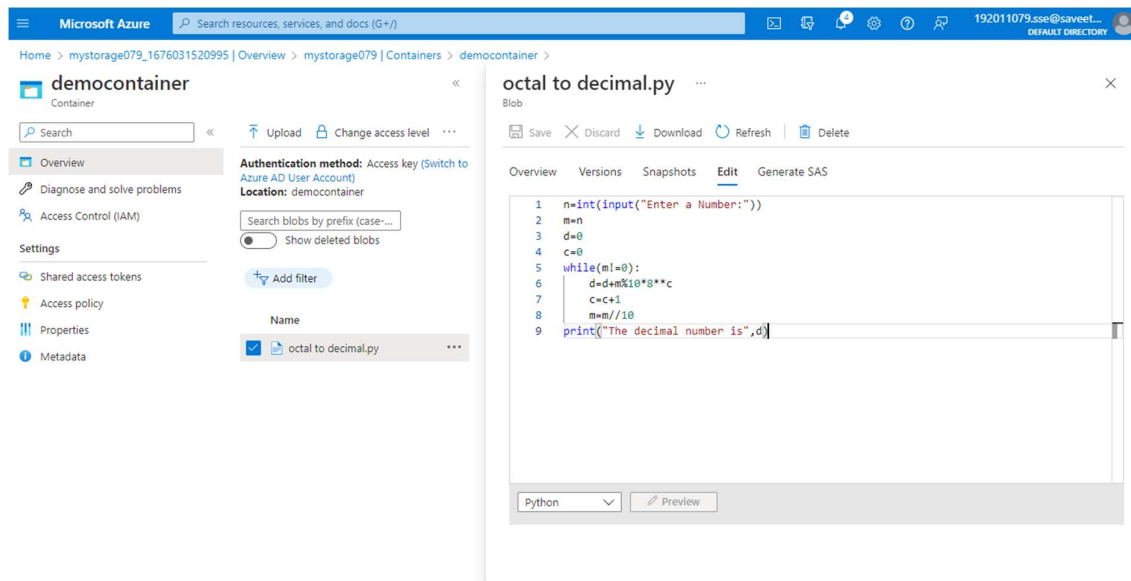
STEP6: AND ENABLE AND ENTER YOUR INDEX AND ERROR HTML FILES NAMES.



STEP7: AND GOTO STORAGE EXPLORER(REVIEW) AND GOTO BLOB CONTAINERS AND WEB AND UPLOAD THE TWO HTML FILES



STEP8: AND AGAIN RETURN TO STORAGE YOU CAN SEE YOUR UPLOADED FILES.



RESULT:

Hence the storage service using any public cloud service provider (azure) and check the public accessibility of the stored file to demonstrate storage as a service is Completed.

