# CLOUD STORAGE

## OBJECTIVE:

In this POC, we will create a storage <u>bucket</u> on your cloud platform and upload/download files and configure access permissions for the bucket.

## SIMPLE STORAGE SERVICE(S3):

Amazon Simple Storage Service (S3) is a scalable, object-based cloud storage solution provided by AWS. It enables users to store, retrieve, and manage data with high durability, security, and availability.

## STEP BY STEP OVERVIEW:

Step 1: CREATING A S3 'BUCKET'

- Login into your AWS management console and navigate into S3 service.
- Click 'Create Bucket' and specify your bucket name.
- Allow the public access and create the bucket.
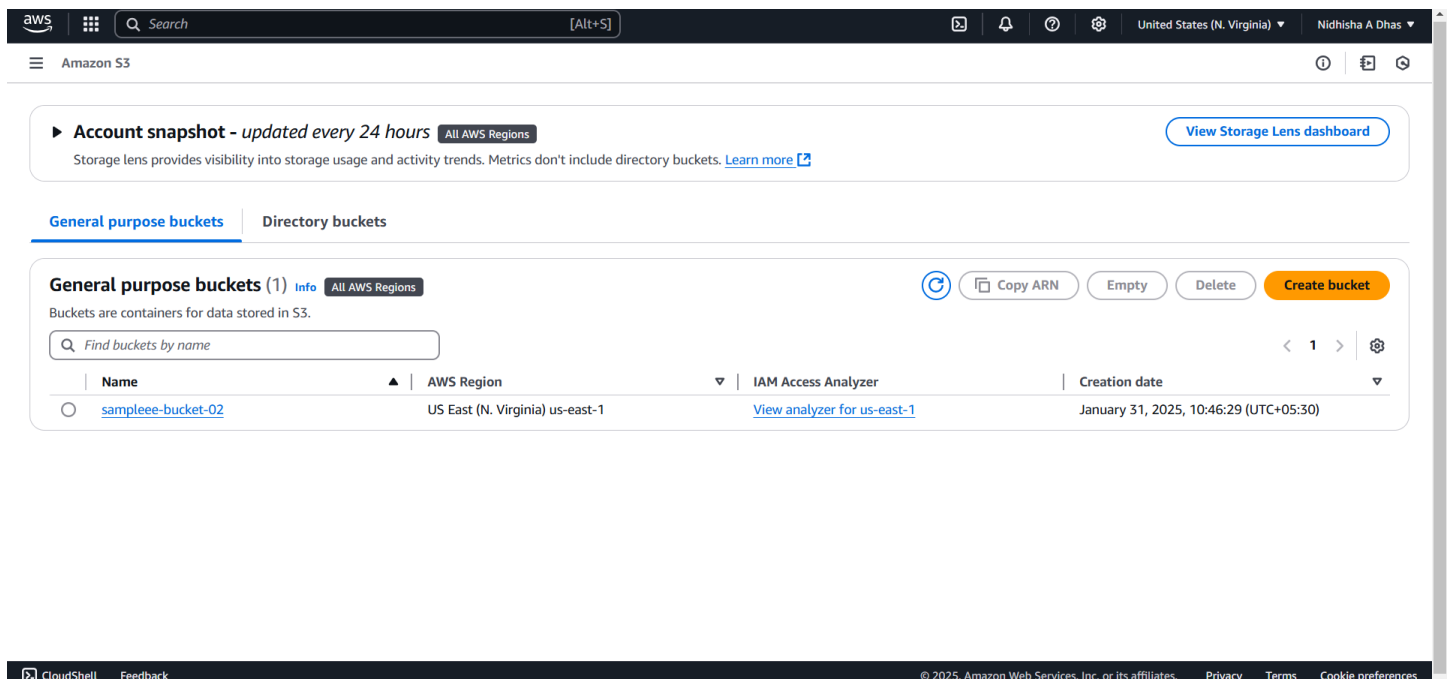


Step 2: UPLOADING FILES IN THE BUCKET

- You will see an upload option when you go into the bucket you have just created.
- Click on it and upload any file in it.





# Step 3: CREATE BUCKET POLICY

To allow permissions to your S3 bucket, you must edit your bucket policy. For this,
- In the 'permission' tab, give your bucket policy and save the changes.

## Step 4: TEST THE PERMISSIONS

Use the S3 bucket 'URL' to test the access permissions.

CONCLUSION:

Thus, in this POC, we have learnt:

- ➢ To create a S3 bucket and upload files in it.
- ➢ To allow permissions for public access.
- ➢ To edit the permissions and create a Bucket Policy.