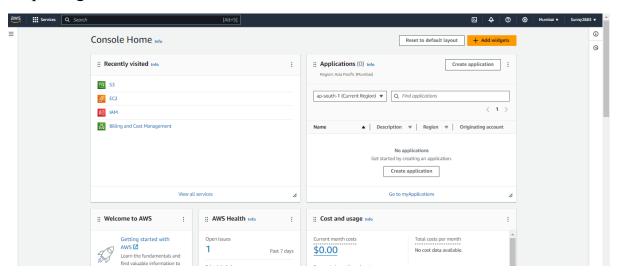
# **Assignment:3**

## Task:1

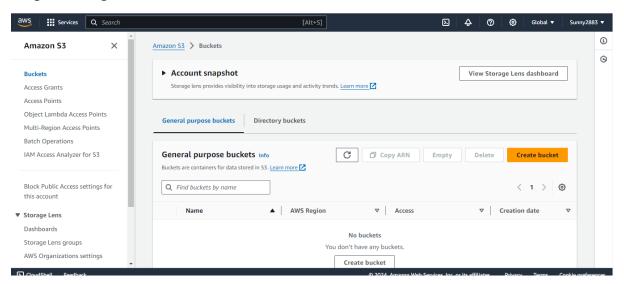
#### Create an S3 Bucket:

Create a new S3 bucket with a globally unique name.

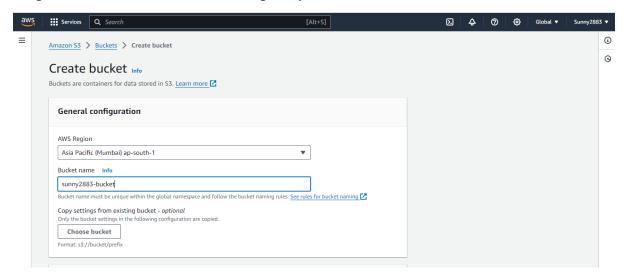
Step1: Sign in AWS console.



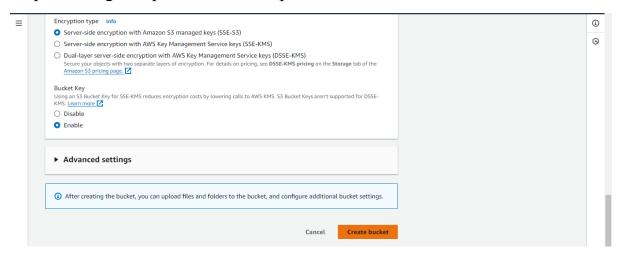
## Step2: Navigate to s3:



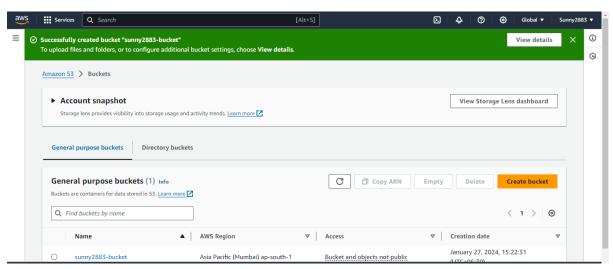
#### Step3: Create a new bucket and specify bucket name.



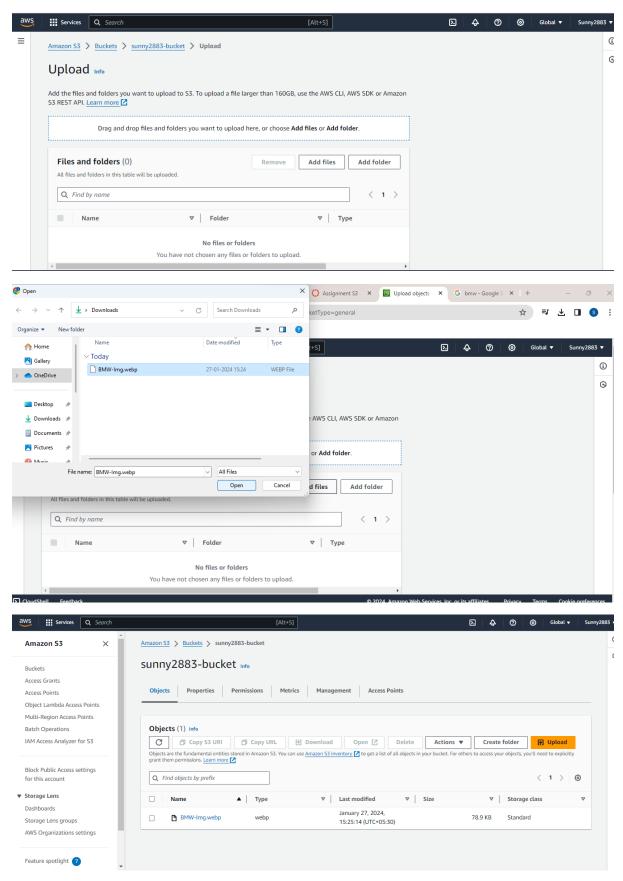
## Step4: Configure option and set the permission.



## Step5: Bucket created successfully.

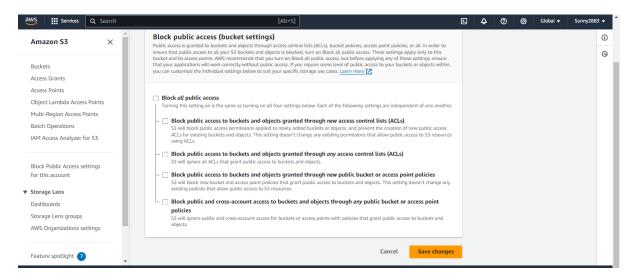


## Step6: Upload the Objects.

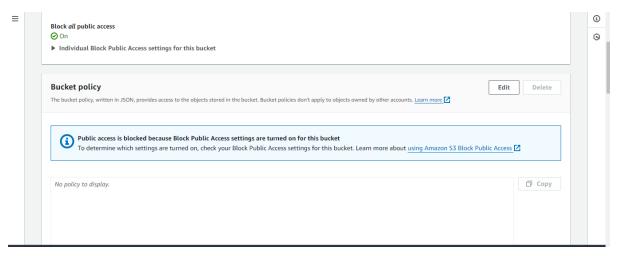


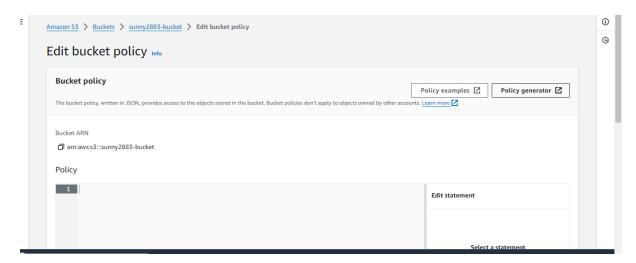
# Configure bucket policies and access control lists (ACLs) to control permissions.

Step1: Disable public access start by unchecking all options for public access in the s3 bucket setting to ensure a secure environment.

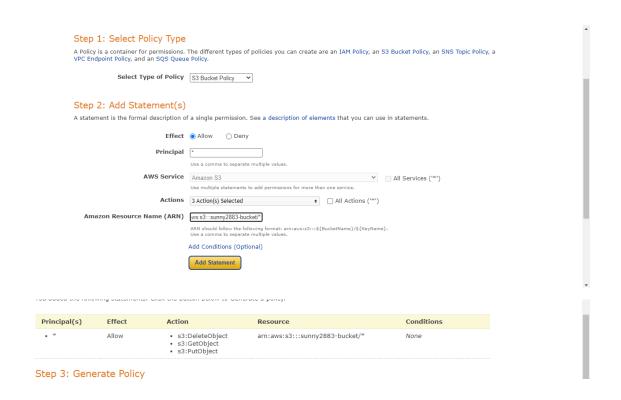


Step2: Access bucket policy, navigate to the bucket click on the permissions tab and select Bucket policy to define access controls at the bucket level.



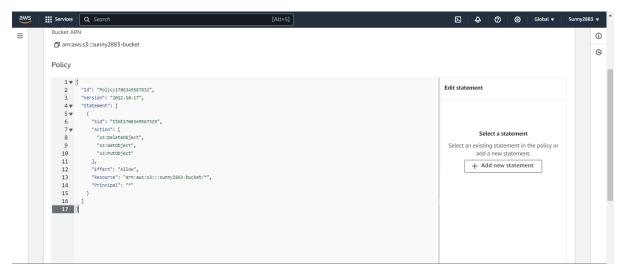


Step3: Define Policy type Such as "Identity-based" or "Resource-based" and proceed to add specific statements for desired permissions. Craft Policy statement's specified allowed or denied actions for different AWS identities or conditions.

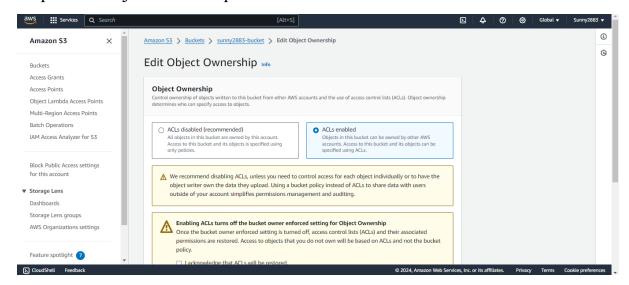


## Step5: Create Policy JSON document Within the policy editor.

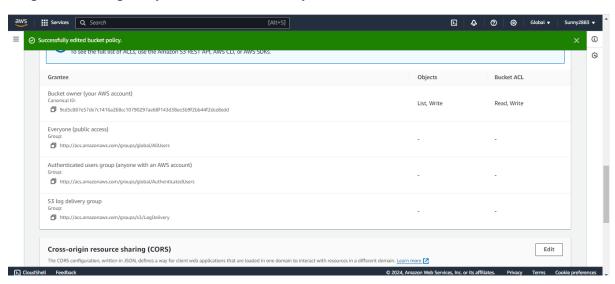
## Step6: Copy generated policy JSON into policy editor.

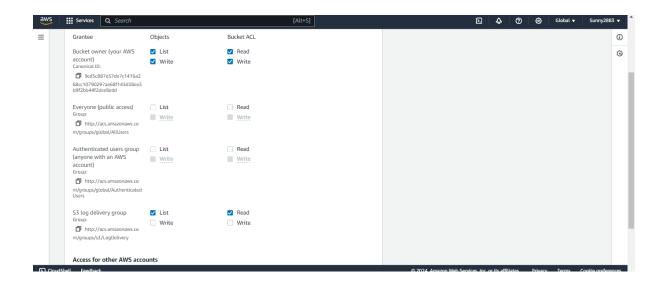


### Step7: Edit object ownership and select ACLs enabled



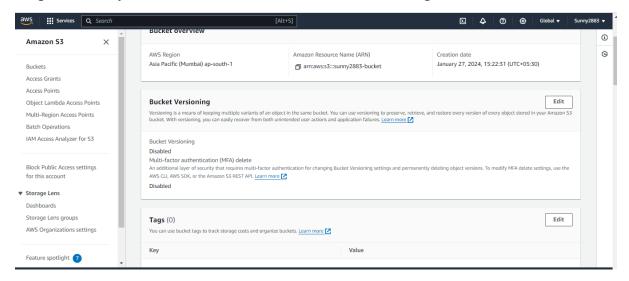
#### Step8: Bucket policy edited successfully.



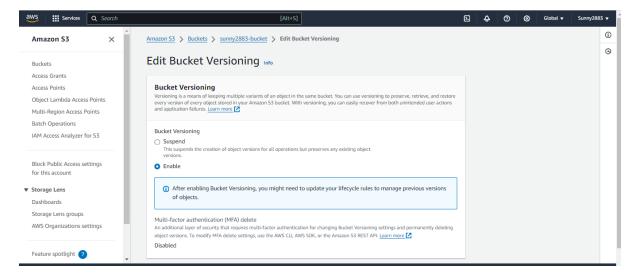


# Enable versioning for your S3 bucket.

Step1: Select your bucket and choose bucket versioning.

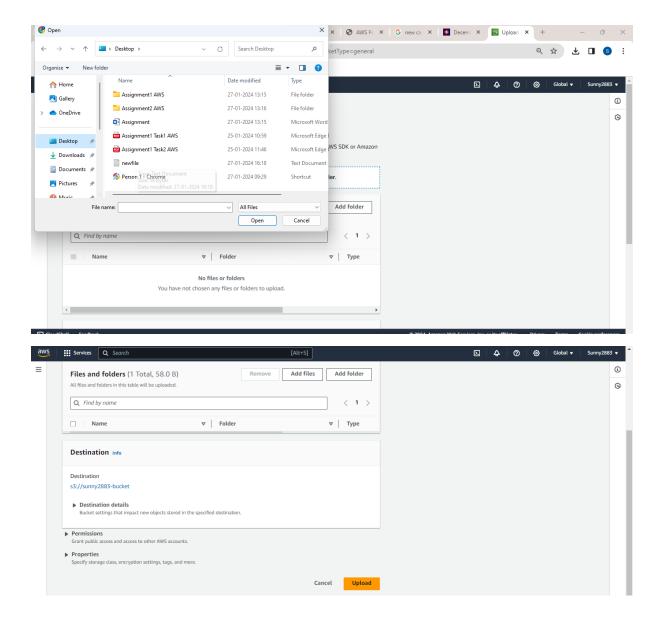


Step2: Toggle the versioning option to "Enable versioning" and confirm your action.



Upload, modify, and delete objects to observe versioning in action.

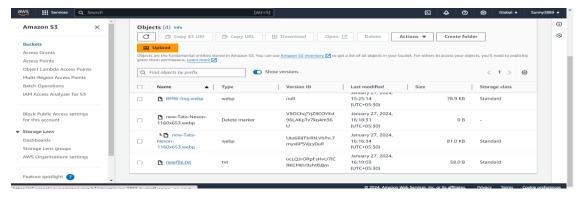
Step1: Upload Initial object to your versioned s3 bucket.



#### Content of object.



## Version of added objects.



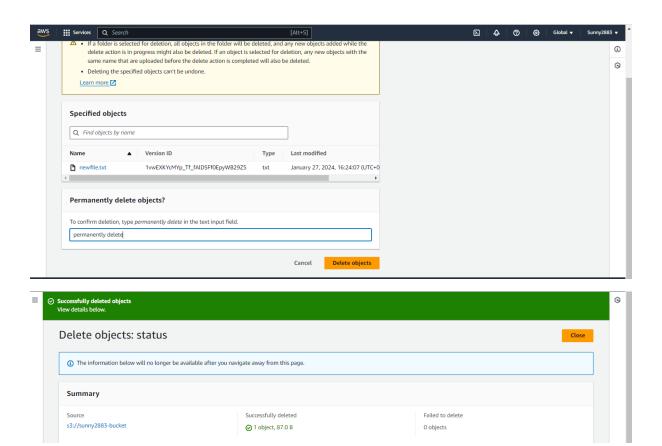
Step2: Modify object make changes to one or more object by either replacing them or updating the content.



Step3; Check version history, select an object and view its version history.



Step4: Delete one or more objects from the bucket. Deleted opbjects are not permanently removed. Instead, a delete marker is added.



#### Step5: Updated version id.

