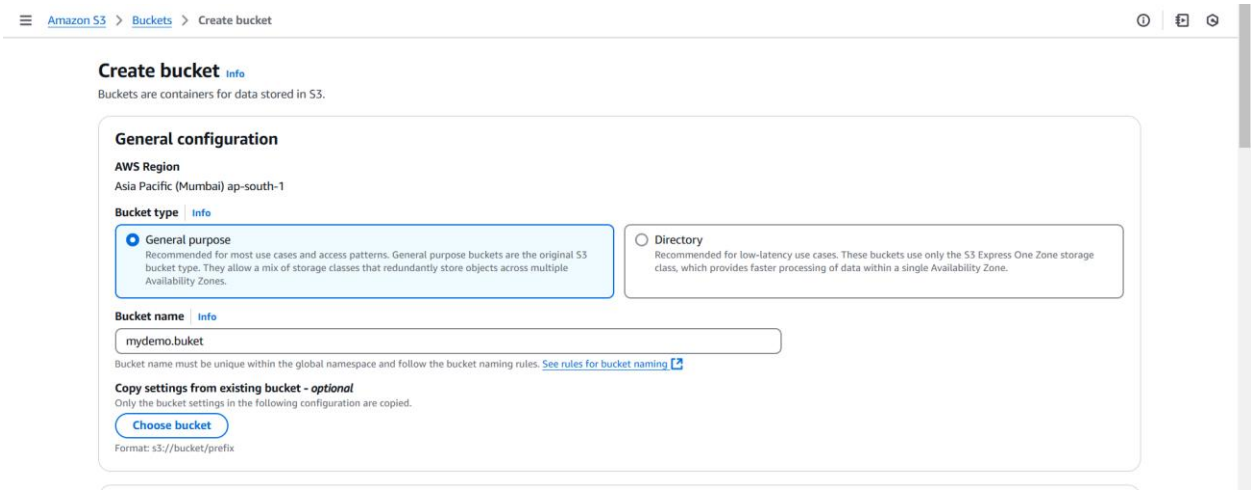
S3 (Simple Storage Service)

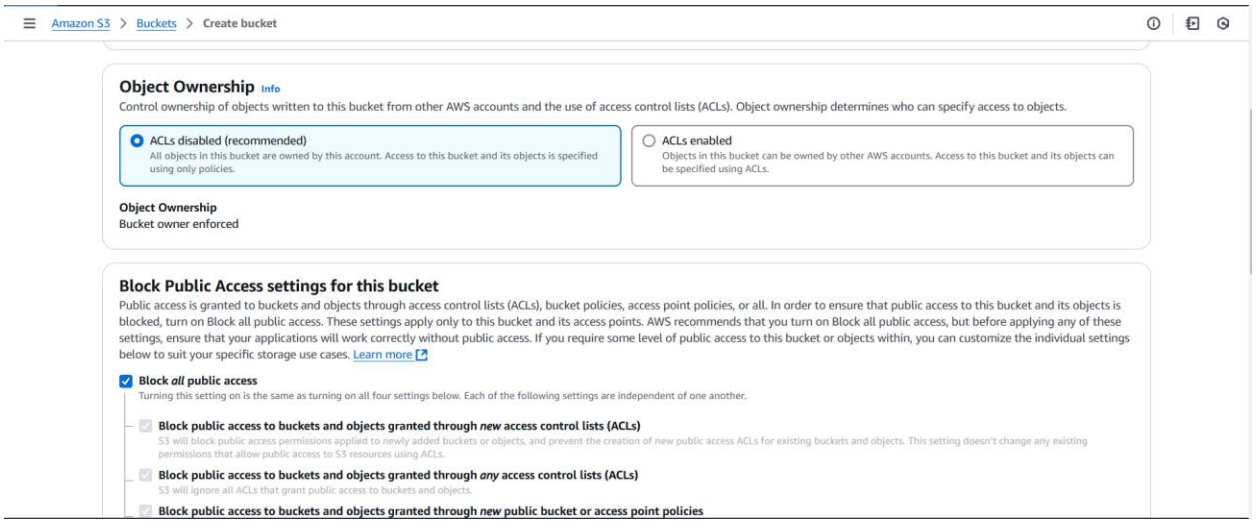
Q. How to create a Bucket?

- Open your web browser and navigate to the AWS Management Console.
- Log in using your **root account**.
- In the **AWS Console**, locate the **Search bar** at the top.
- Type S3 and press **Enter**.
- Select **S3** from the search results.
- Then click on the create bucket.
- Two types of buckets chose as per your required.
- 1. General purpose, 2. Directory.
- Create your bucket name, Bucket name must be **unique 'mydemo.bucket'** within the global namespace and follow the bucket naming rules.



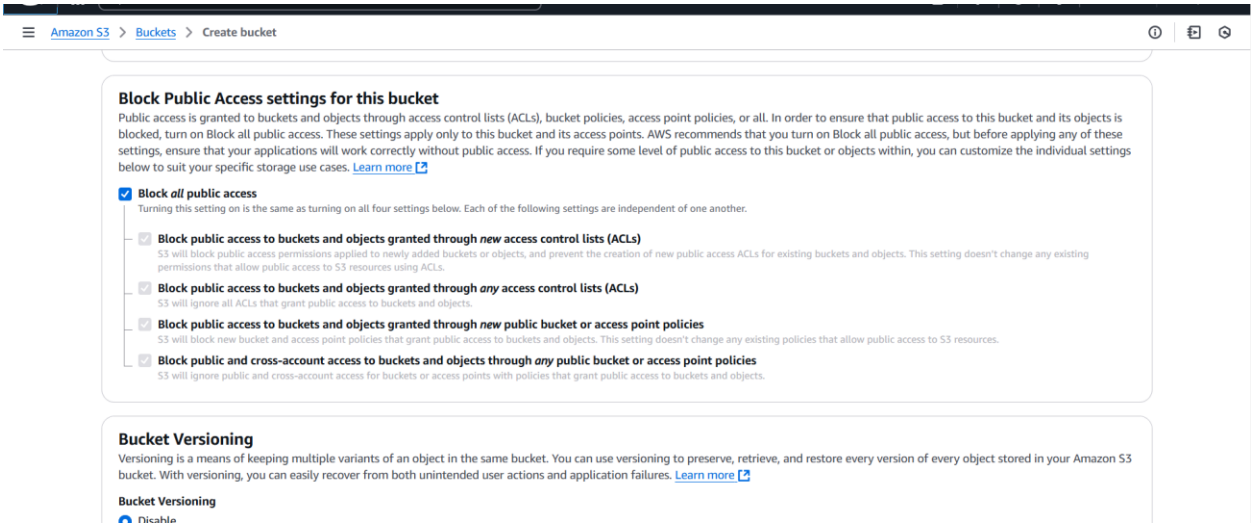
- **Object Ownership**
  1. ACLs disabled (recommended)
  2. ACLs enabled

     As per your required



- After then **Block Public Access settings for this bucket.**

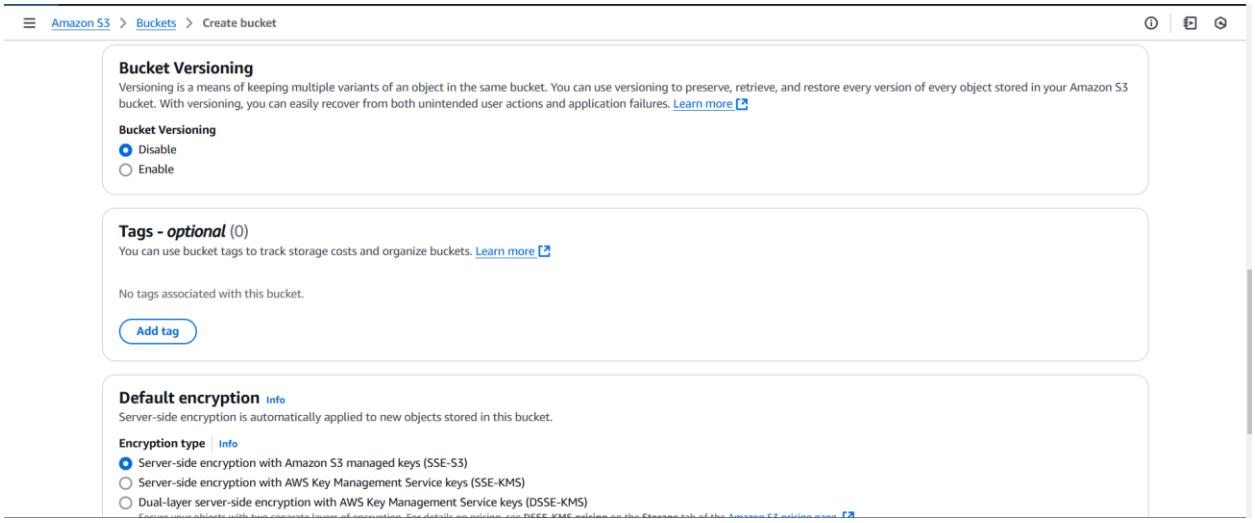
  Block *all* public access use as per your required.



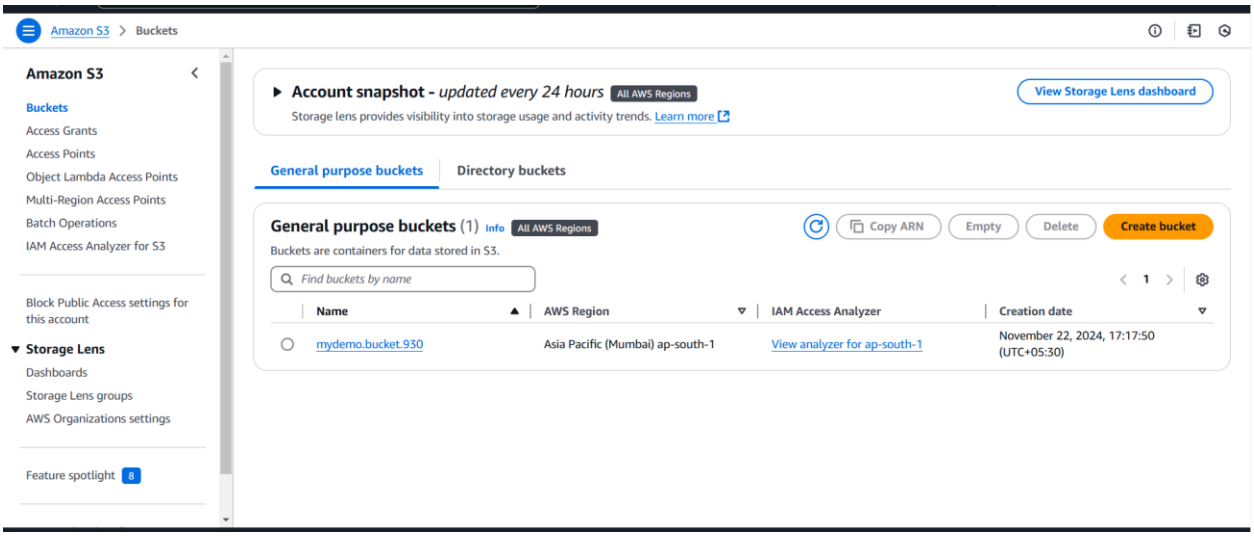
- **Bucket Versioning**
  - ✓ Disable
  - ✓ Enable
- **Tags - *optional***

  You can use bucket tags to track storage costs and organize buckets.
- **Default encryption**
  - ✓ Server-side encryption with Amazon S3 managed keys (SSE-S3)
  - ✓ Server-side encryption with AWS Key Management Service keys (SSE-KMS)
  - ✓ Dual-layer server-side encryption with AWS Key Management Service keys (DSSE-KMS)

  Choose as per your required.



- **Bucket Key**
    - Disable
    - Enable
- Check all the box after then click on the **Create Bucket.**



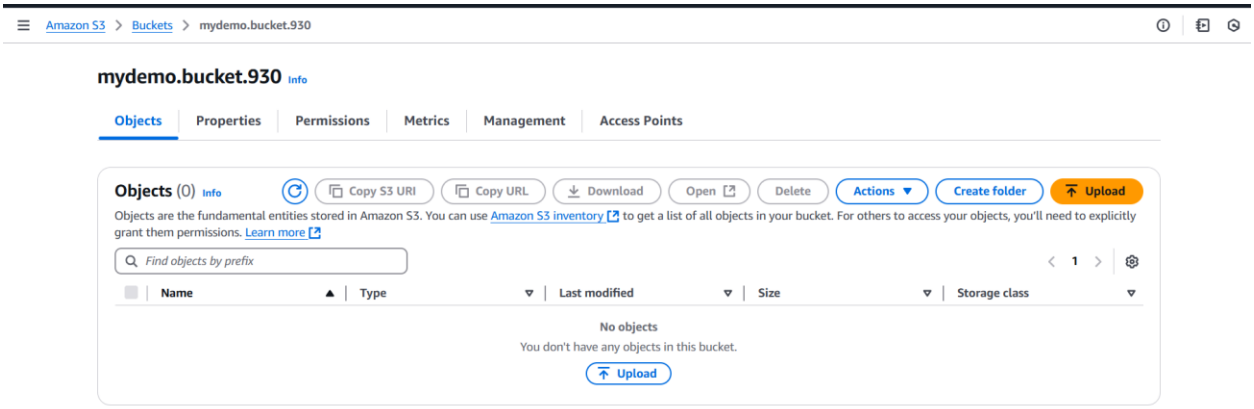
Q. How to upload and manage the bucket file?

- If you create the bucket, then click on the bucket **'mydemo.bucket'**.
- When you are entering the bucket click on **Upload.**
- **Files and folders**

1. Add files
2. Add folder

Select as your need.

- Select your **Objects** and click on **upload**.



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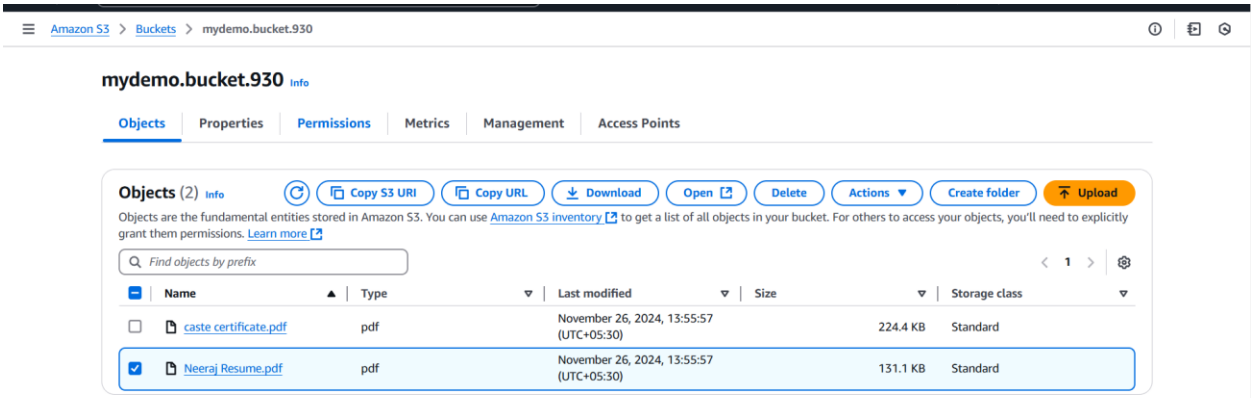
Q. How to make it public uploading file?

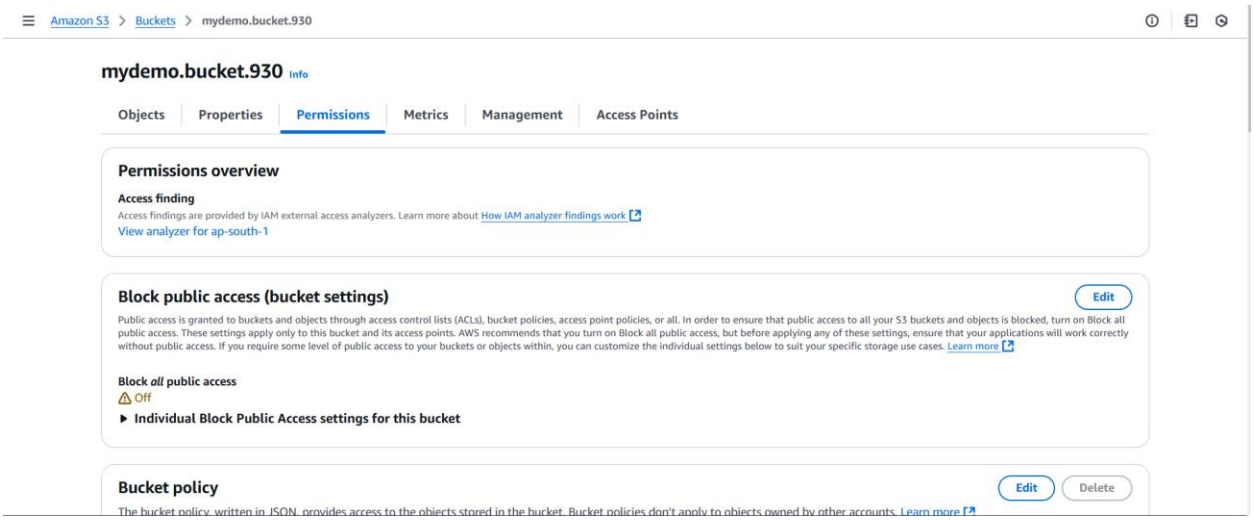
If you want to make any uploading file public, there are three steps -

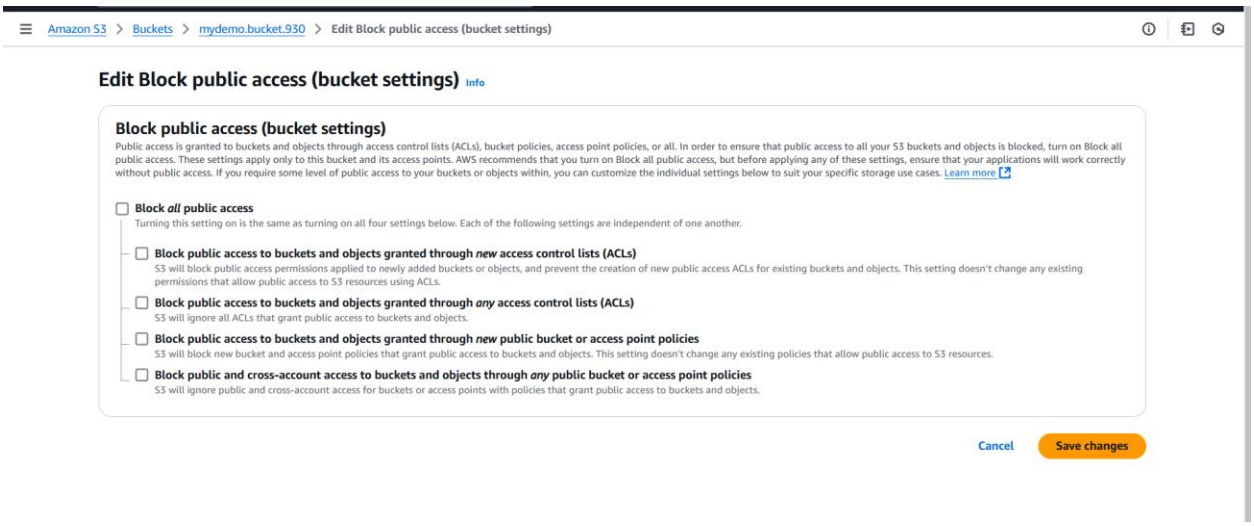
Step: - 1



- Select the upload file.
- After then go to the **Permissions**.
- Edit the **Block public access (bucket settings).**

- **'Uncheck' Block *all* public access** Save changes.





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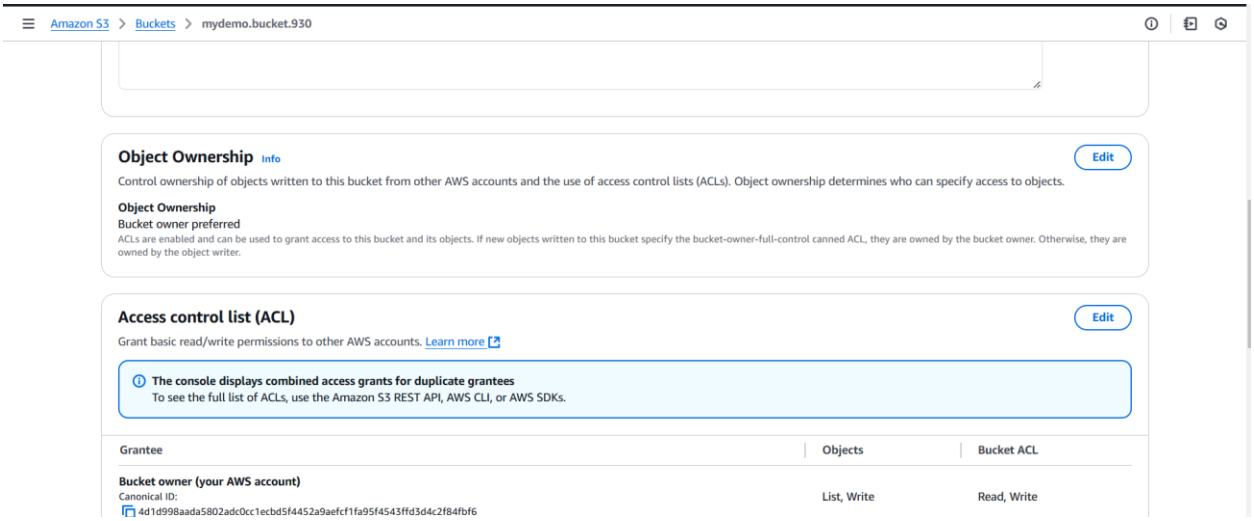
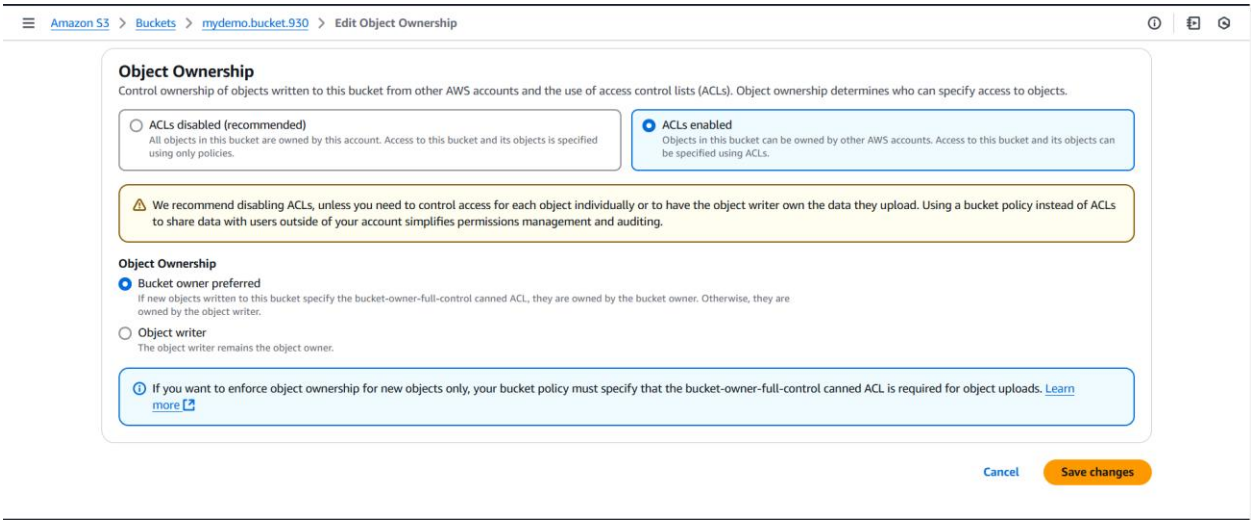
Step: - 2

- Select the upload file.
- After then go to the **Permissions.**
- Then scroll the page and select **Object Ownership.**



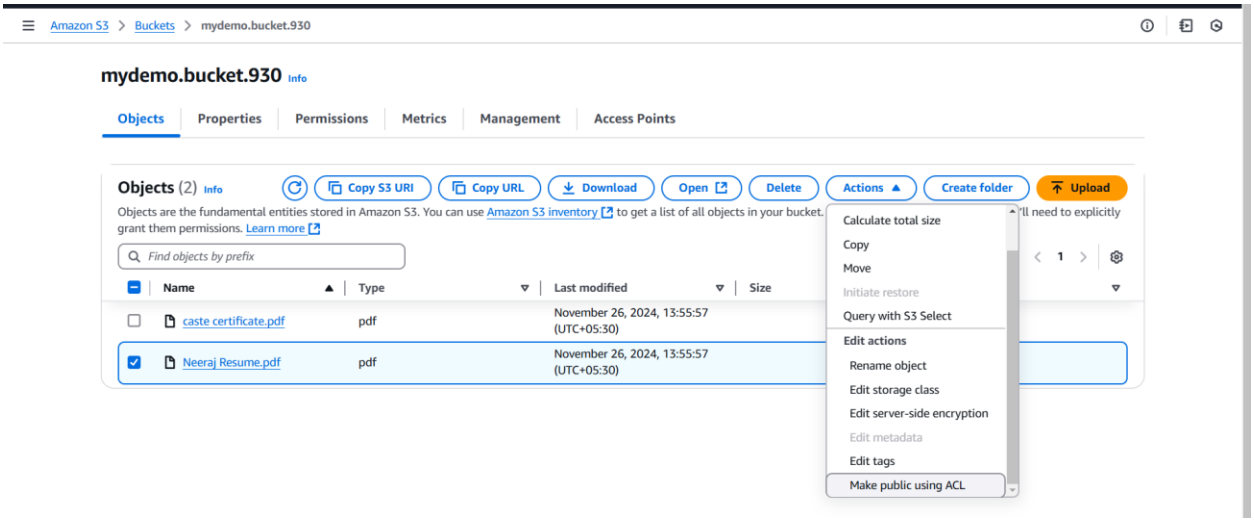
- Click on edit **Object Ownership.**
- Then click on **ACLs enabled.**

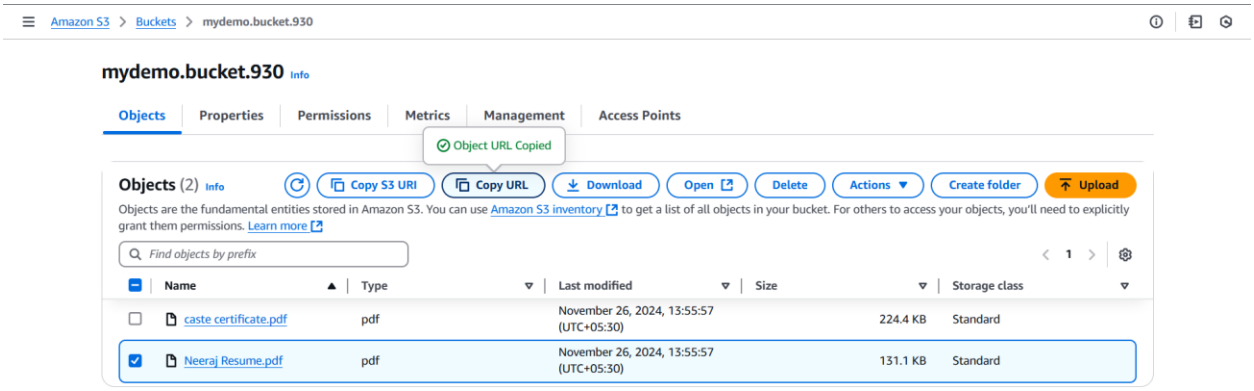


- **Then save changes.**

Step: - 3

- Select the upload file.
- Go to the **Actions.**
- Scroll the section and select **make public using ACL.**





- **Click on the make public.**

Select the file and Copy URL go to the any browser paste it.