

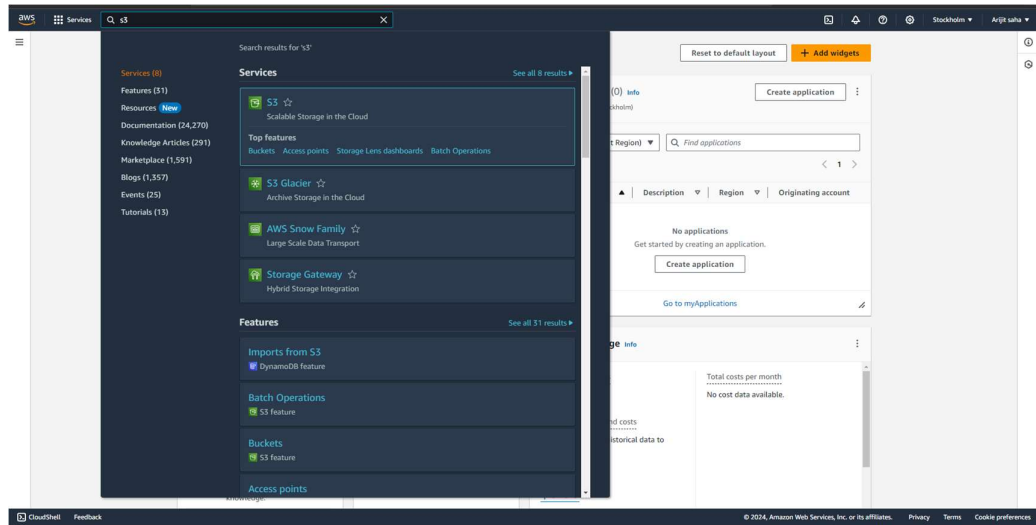
Assignment: 5

Problem statement:

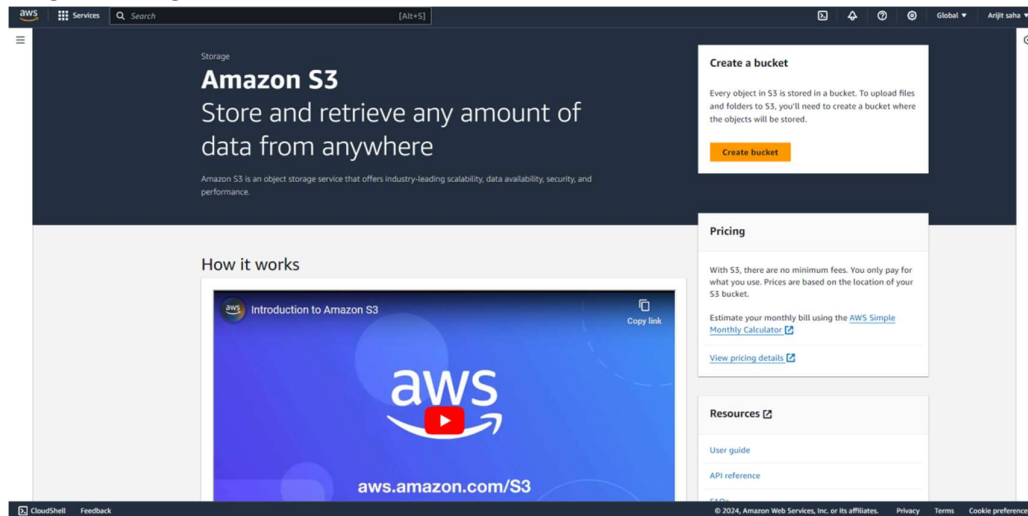
Create a public bucket in AWS. Upload a file and check by reassigned URL whether you can access the file or not.

Bucket creation and checking for access->

1. Sign up for an AWS account, search for 'S3' then click on it.



2. Click on 'Create bucket'.



3. Fill up the required details->'AWS region', 'Bucket name', click on 'ACLs enabled', uncheck 'Block all public access', tick off 'I acknowledge....' and click on 'Create bucket'.

General configuration

AWS Region

Asia Pacific (Mumbai) ap-south-1

Bucket name

mainak-public-bucket

mainak-public-bucket

Bucket name must be unique within the global namespace and follow the bucket naming rules.

See rules for bucket naming

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

Choose bucket

Format: s3://bucket/prefix

Object Ownership

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

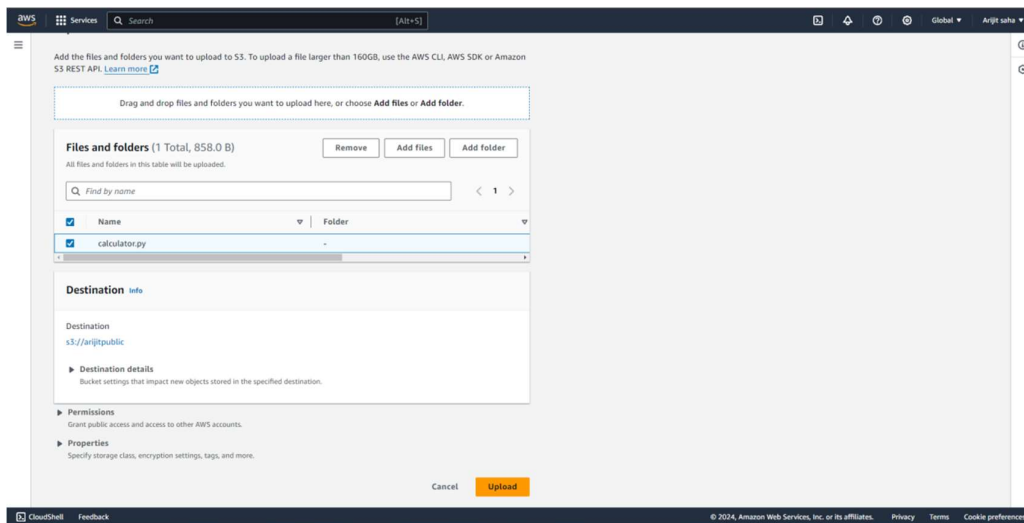
☒ ACLs disabled (recommended)

All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

☐ ACLs enabled

Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

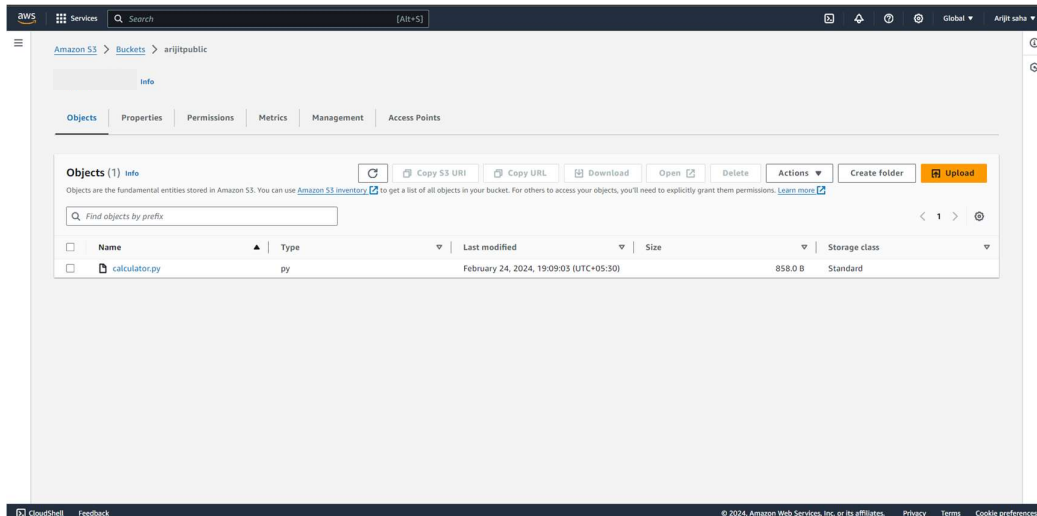
4. 'mainak-public-packet' bucket is created successfully then click on the bucket name 'mainak-public-packet'.



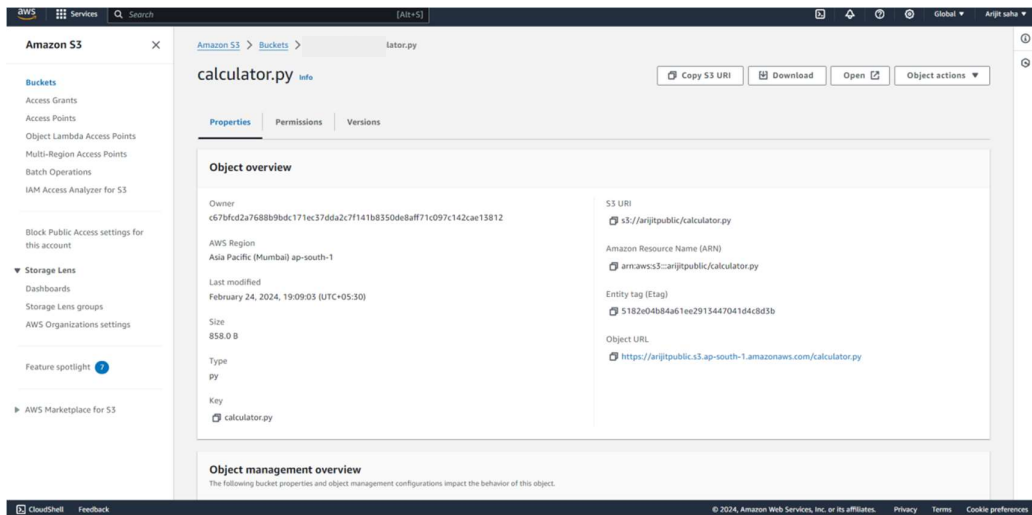
6. Click on 'Add files' then tick off the 'Name' of the file and click on 'Upload'.

7. File is uploaded successfully , tap on 'Close' and click on 'Name'.

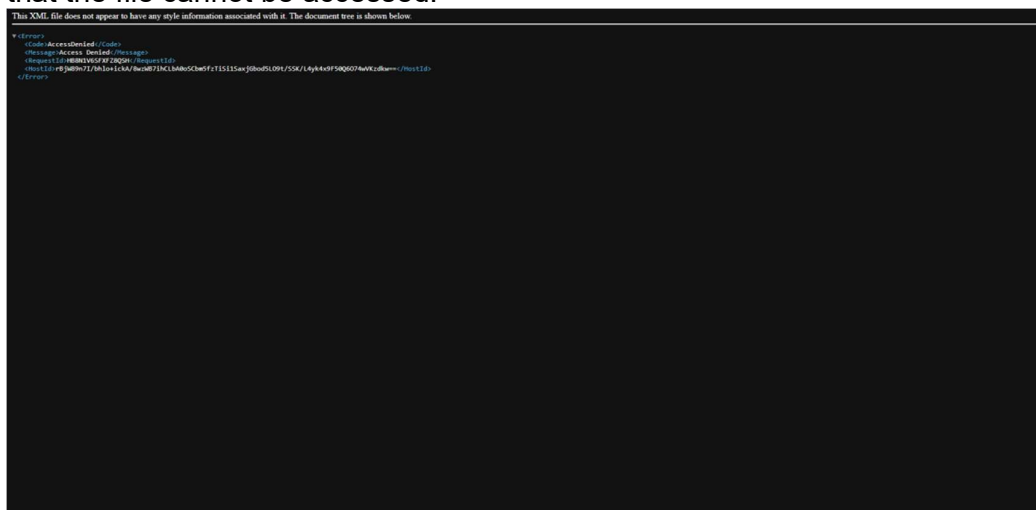
8. Under 'mainak-public-packet', tick off any one of the file(checkbox) and click on the file.



9. Copy the 'Object URL'.

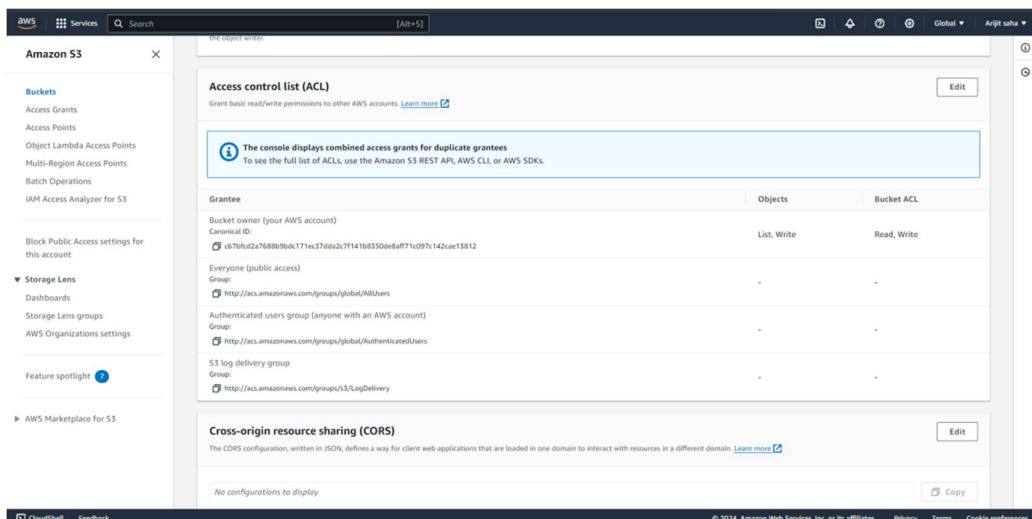


10. Now open the 'Incognito mode' and paste the 'Object URL'. You will see that the file cannot be accessed.

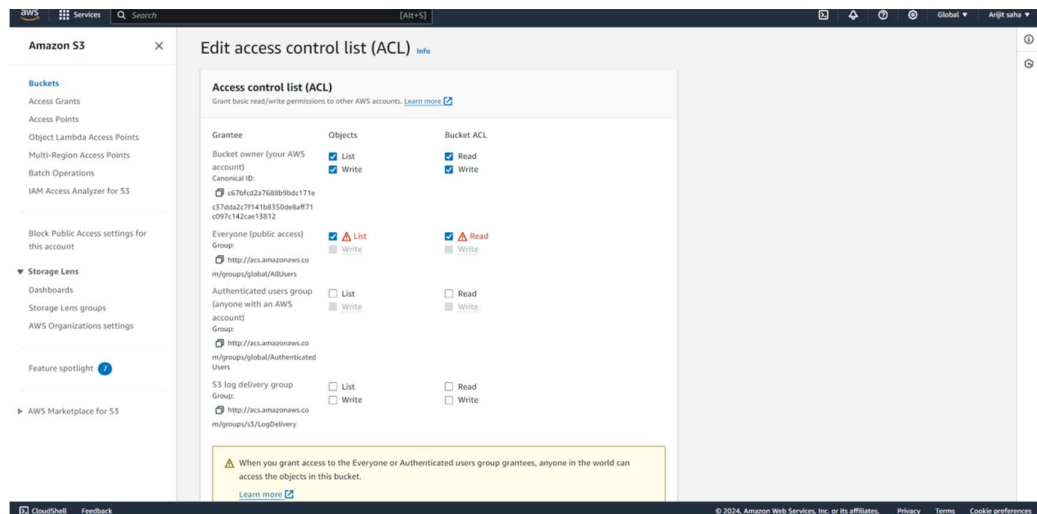


To give access to the file, follow the steps given below.

11. In the file info. click on 'Permissions' and then click on 'Edit' beside 'Access Control List(ACL)'.



12. Now, tick off the Read checkboxes of 'Everyone (public access)', then tick off the checkbox 'I understand....' and click on 'Save changes'.



13. Now, again copy the Object URL.

14. In the 'Incognito mode', paste the Object URL. We find that now the file can be accessed publicly.

