

Assignment – 5

Problem Statement: -

Create a Public Bucket in AWS. Upload a file & give the necessary permission to check the file URL is working or not.

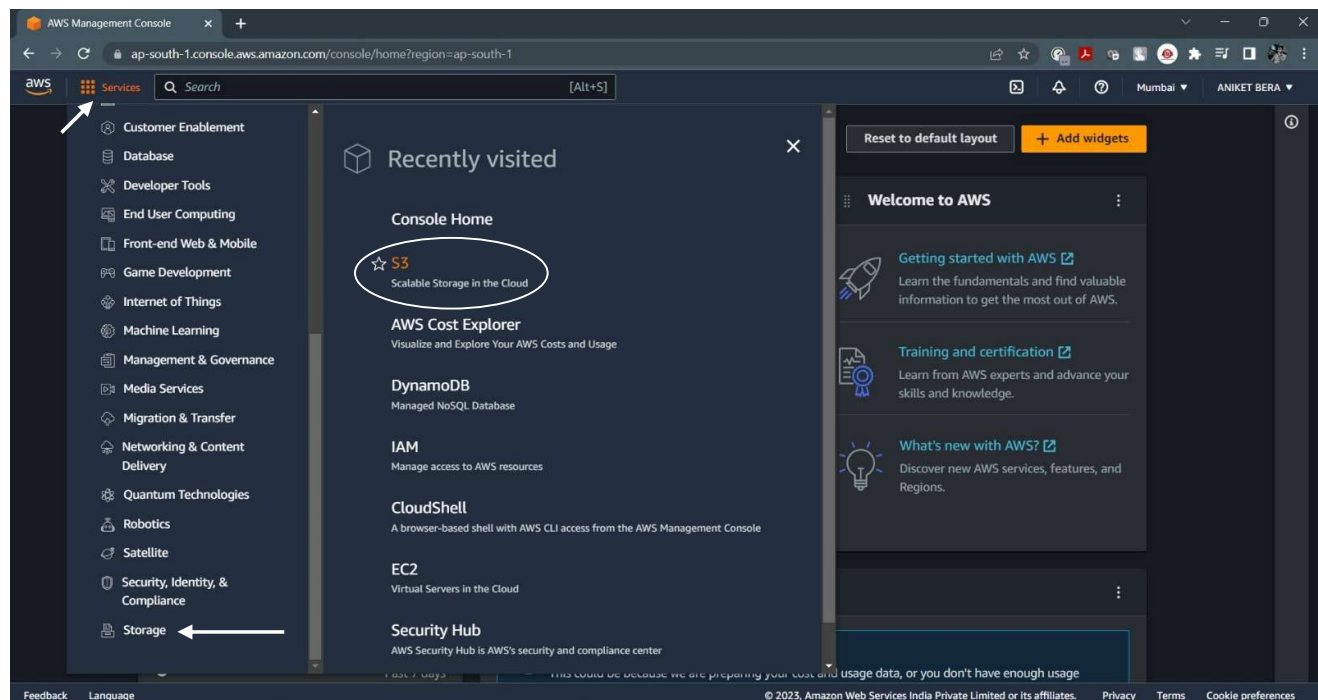
Steps for create a Public Bucket & check uploaded file URL: -

1. Open the **Amazon Web Services** (<https://aws.amazon.com/console/>) home page.
2. Log in your **AWS Management Console** account.
3. Go **Services** and click on **Storage**.
4. Next go to **S3** (*Scalable Storage in the Cloud*).
5. Now click on **Create bucket**.
6. In **General configuration** give a **Bucket name**, choose **ACLs enabled**, uncheck **Block all public access** and check the box of “**I acknowledge that the current settings might result in this bucket and the objects within becoming public**”; no need to change rest of the configuration (default setting).
7. **Complete Public Bucket creation**.
8. Now double click on *public bucket name*.
9. For uploading a file in bucket go **Upload** option.
10. After that open an upload window; then **Add files** and continue with **Upload** option.
11. **Complete file uploading**.
12. Now double click on an uploaded file; go **Object actions** then click on **Make public using ACL** and continue with **Make public**. Another way, after uploading the files select all the files and go **Action** option and click on **Make public using ACL** and continue with **Make public**.
13. Now copy object URL and paste it another web browser (incognito mode option is better for testing the URL).

Observation: -

Copied URL paste on web browser and now access file content.

Some snapshots of above process: -



Step 1: Go **Services** -> **Storage** -> **S3**

Create a bucket

Every object in S3 is stored in a bucket. To upload files and folders to S3, you'll need to create a bucket where the objects will be stored.

Create bucket

Step 2: Create bucket

Buckets (2)

Buckets are containers for data stored in S3. [Learn more](#)

Find buckets by name

	Name	AWS Region	Access	Creation date
	privatebkt1	Asia Pacific (Mumbai) ap-south-1	Bucket and objects not public	February 28, 2023, 00:07:32 (UTC+05:30)
	publicbkt1	Asia Pacific (Mumbai) ap-south-1	Objects can be public	February 28, 2023, 00:21:22 (UTC+05:30)

Step 4: Complete Public Bucket creation

Objects (0)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Copy S3 URI Copy URL Download Open Delete Actions Create folder Upload

Find objects by prefix

Step 5: Upload a file

Create bucket

Buckets are containers for data stored in S3. [Learn more](#)

General configuration

Bucket name: publicbkt1

Bucket name must be globally unique and must not contain spaces or uppercase letters. [See rules for bucket naming](#)

AWS Region: Asia Pacific (Mumbai) ap-south-1

Copy settings from existing bucket - optional

Choose bucket

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)

☒ ACLs enabled

Object Ownership

☒ Bucket owner preferred

☐ Object writer

If you want to enforce object ownership for new objects only, your bucket policy must specify that the bucket-owner-full-control canned ACL is required for object uploads. [Learn more](#)

Upcoming permission changes to enable ACLs

Block Public Access settings for this bucket

Block all public access

Block public access to buckets and objects granted through new access control lists (ACLs)

Block public access to buckets and objects granted through any access control lists (ACLs)

Block public access to buckets and objects granted through new public bucket or access point policies

Block public and cross-account access to buckets and objects through any public bucket or access point policies

Turning off block all public access might result in this bucket and the objects within becoming public

I acknowledge that the current settings might result in this bucket and the objects within becoming public.

Cancel Create bucket

Step 3: Configuration of bucket

Upload

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)

Drag and drop files and folders you want to upload here, or choose Add files, or Add folders.

Files and folders (0)

Find by name

	Name	Folder	Type	Size
	Assignment1.pdf	-	application/pdf	976.3 KB

Destination

Destination: s3://privatebkt1

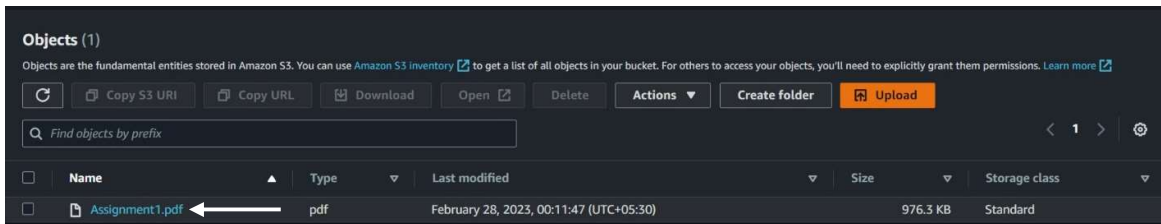
Destination details

Permissions

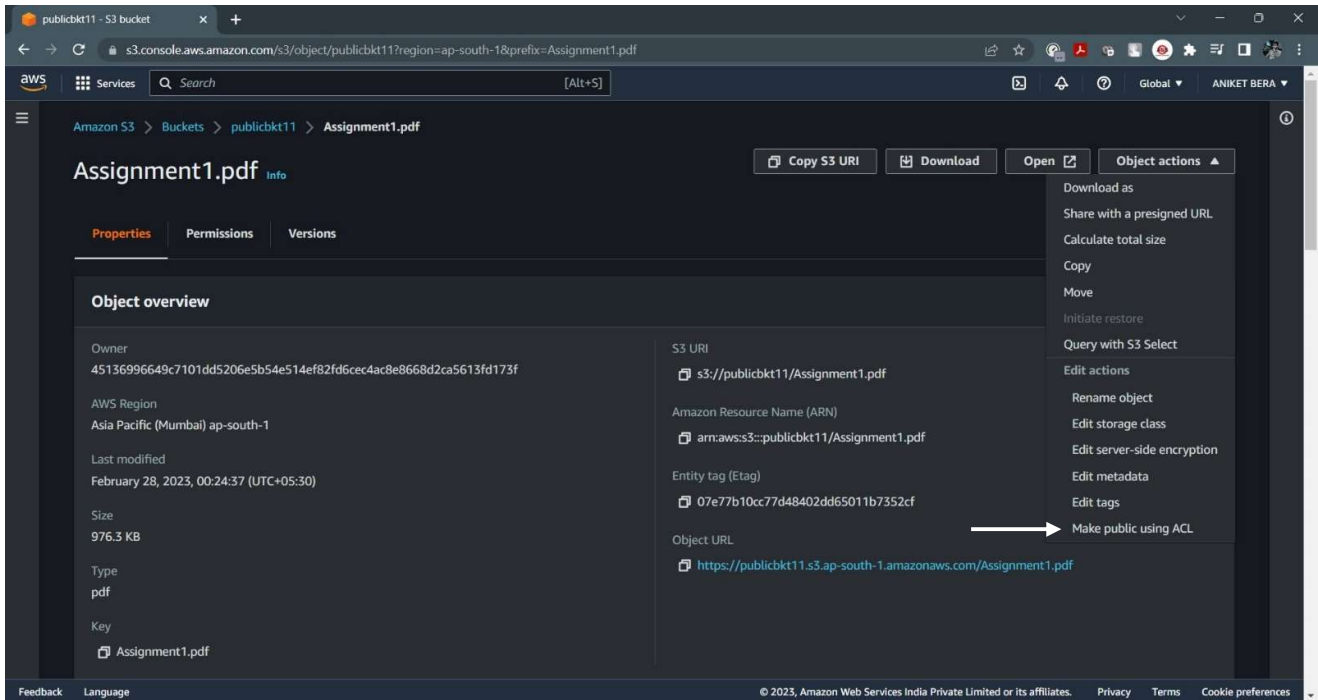
Properties

Cancel Upload

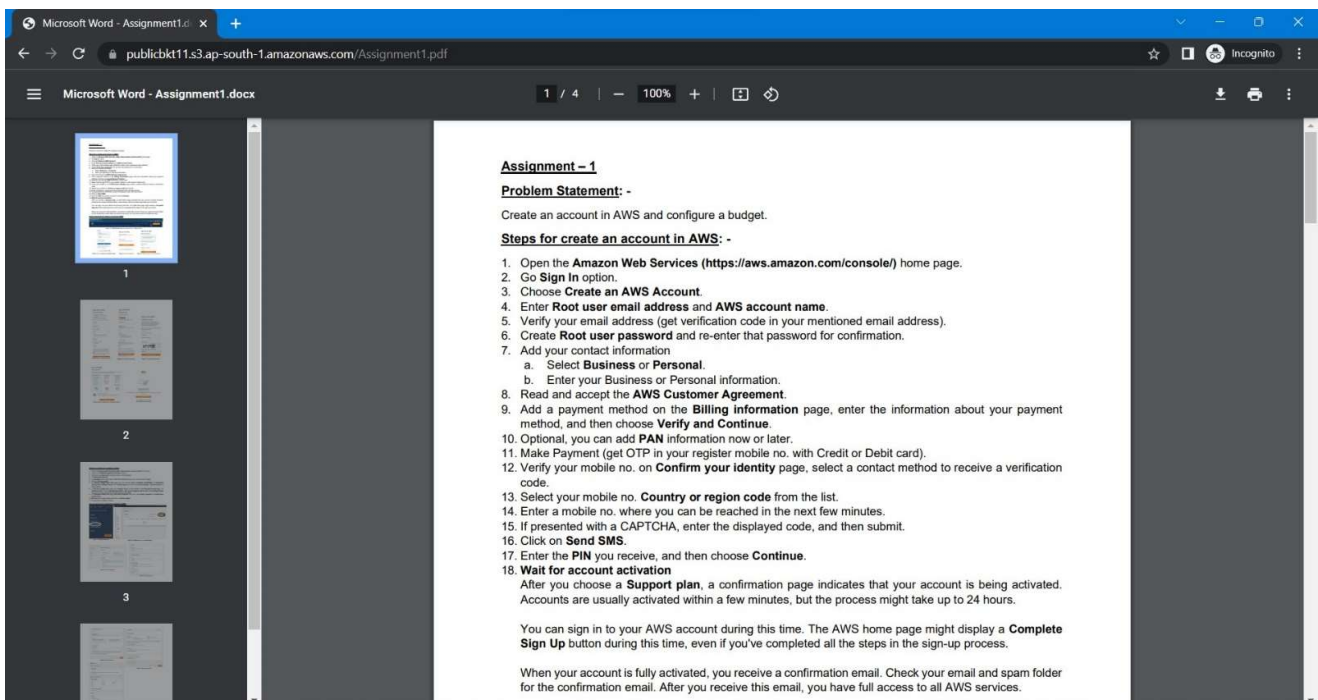
Step 6: Add files & upload



Step 7: Double click on uploaded file



Step 8: Make public using ACL



Step 9: Copy & paste object URL