

Assignment No. : 06

Problem Statement : Upload a static website on S3. Solution Process

Steps : 1. Create a public bucket and name the bucket and also change the object ownership info, and change the Block Public access settings for the named bucket.

The screenshot shows the 'Create bucket' page in the AWS Management Console. The 'General configuration' section is active, showing the bucket name 'cs2128' and the region 'Asia Pacific (Mumbai) ap-south-1'. The 'Object Ownership' section is also visible, with 'ACLs enabled (recommended)' selected. The 'Block Public Access settings for this bucket' section is at the bottom, with 'Block all public access' checked.

2. The bucket is successfully created

The screenshot shows the 'Buckets' page in the AWS Management Console. A green banner at the top indicates 'Successfully created bucket "cs2128"'. Below this, the 'General purpose buckets' tab is selected, showing a list of buckets. The bucket 'cs2128' is listed with its creation date and region.

3. Then go to bucket permission and edit the ACL option.

4. Choose everyone row and tick on the list and read box and save this.

The screenshot shows the 'Edit access control list (ACL)' page in the AWS Management Console. The 'Access control list (ACL)' section is active, showing a list of grantees. The 'Everyone (public access)' row is selected, and the 'List' and 'Read' checkboxes are checked. A warning message at the bottom states: 'When you grant access to the Everyone or Authenticated users group grantees, anyone in the world can access the objects in this bucket.'

5. Create 3 html file connected each other, then those 3 files are upload in the created public bucket.

6. In the files permission gave the access to 'Specify individual ACL permissions'.

The screenshot shows the AWS S3 'Upload' console. The 'Files and folders' section displays a table with the following data:

Name	Folder	Type	Size
about.html	-	html/html	173.0 B
index.html	-	html/html	173.0 B
index.html	-	html/html	173.0 B

The 'Destination' section shows the bucket name 'cse2128'. The 'Permissions' section shows the 'Access control list (ACL)' settings, with 'Grant public-read/write permissions to other AWS accounts' selected.

7. Go to the Static Website Hosting and enable this option. Then give the index document name and save this.

The screenshot shows the AWS S3 'Edit static website hosting' console. The 'Static website hosting' section is enabled. The 'Index document' field is set to 'index.html'. The 'Error document - optional' field is set to 'error.html'. The 'Redirection rules - optional' section is empty.

The screenshot shows the AWS S3 'Object Lock' console. The 'Object Lock' section is disabled. The 'Requester pays' section is disabled. The 'Static website hosting' section is enabled. The 'Bucket website endpoint' is 'http://cse2128.s3-website-ap-south-1.amazonaws.com'.

8. Now in the Static Web Hosting option there is a link given, that link is used for any other user to access the web documents.

9.URL: <http://cse2128.s3-website.eu-north-1.amazonaws.com/index.html>

