

Assignment No. : 06

Problem Statement : Upload a static website on S3.

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 'cse2132' and the region 'Asia Pacific (Mumbai) ap-south-1'. The 'Object Ownership' section is also visible, with 'ACLs enabled' selected. The 'Block Public Access settings for this bucket' section shows 'Block all public access' checked.

2. The bucket is successfully created.

The screenshot shows the 'Buckets' page in the AWS Management Console. A green notification bar at the top states 'Successfully created bucket "cse2132"'. Below this, the 'General purpose buckets' section shows a table with one bucket: 'cse2132' in the 'Asia Pacific (Mumbai) ap-south-1' region, created on February 16, 2025.

3. Go to bucket permission and edit the ACL option. Choose everyone row and tick on the list and read box and save this.

The screenshot shows the 'Edit access control list (ACL)' page for the bucket 'cse2132'. The 'Access control list (ACL)' section is active, showing a table with three rows: 'Bucket owner (your AWS account)', 'Everyone (public access)', and 'Authenticated users group (anyone with an AWS account)'. The 'Everyone (public access)' row has 'List' and 'Read' permissions checked. The 'Authenticated users group' row has 'List' and 'Write' permissions checked. The 'Bucket owner' row has 'List' and 'Write' permissions 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.'

4. Create 3 html file connected each other, then those 3 files are upload in the created public bucket.
5. In the files permission gave the access to 'Specify individual ACL permissions'.

Upload info

Add the files and folders you want to upload to S3. To upload a file larger than 16384, use the AWS CLI, AWS SDKs or Amazon S3 REST API. [Learn more](#)

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

Files and folders (3 total, 516.0 B)

All files and folders in this table will be uploaded.

<input type="checkbox"/>	Name	Folder	Type	Size
<input checked="" type="checkbox"/>	index.html	-	text/html	172.0 B
<input checked="" type="checkbox"/>	home.html	-	text/html	172.0 B
<input checked="" type="checkbox"/>	about.html	-	text/html	170.0 B

Destination info

Destination: [cse2132](#)

Destination details

Bucket settings that impact new objects stored in the specified destination.

Permissions info

Grant public access and access to other AWS accounts.

Access control list (ACL)

Grant basic read/write permissions to other AWS accounts. [Learn more](#)

☒ AWS recommends using S3 bucket policies or IAM policies for access control. [Learn more](#)

Access control list (ACL)

Choose from predefined ACLs or specify individual ACL permissions.

Grantee

Object owner (your AWS account)

Grantee: [arn:aws:iam::111111111111:user:root](#)

Permission: ☒ Read ☒ Write

Everyone (public access)

Group: ☒ Read ☒ Write

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

Edit static website hosting info

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting

☐ Disable ☒ Enable

Hosting type

☒ Host a static website

Use the bucket endpoint as the web address. [Learn more](#)

☐ Redirect requests for an object

Redirect requests to another bucket or domain. [Learn more](#)

☒ For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see [Using Amazon S3 Block Public Access](#).

Index document

Specify the home or default page of the website.

index.html

Error document - optional

This is returned when an error occurs.

error.html

Redirection rules - optional

Redirection rules, written in JSON, automatically redirect outgoing requests for specific content. [Learn more](#)

Successfully edited static website hosting.

cse2132 info

Objects **Properties** **Permissions** **Metrics** **Management** **Access Points**

Bucket overview

AWS Region: [Asia Pacific \(Mumbai\)](#) ap-south-1

Amazon Resource Name (ARN): [arn:aws:s3::cse2132](#)

Creation date: February 10, 2025, 21:09:58 UTC+05:30

Bucket Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

Bucket Versioning: Disabled

Multi-factor authentication (MFA) delete

An additional layer of security that requires multi-factor authentication for changing bucket versioning settings and permanently deleting object versions. To modify MFA delete settings, use the AWS CLI, AWS SDK, or the Amazon S3 REST API. [Learn more](#)

MFA delete: Disabled

Tags (0)

You can use bucket tags to track storage costs and organize buckets. [Learn more](#)

Key: Value

No tags associated with this resource.

Default encryption info

Server-side encryption is automatically applied to new objects stored in this bucket.

Encryption type: [info](#)

Server-side encryption with Amazon S3 managed keys (SSE-S3)

Bucket Key: [info](#)

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://cse2132.s3-website.eu-north-1.amazonaws.com/index.html>

