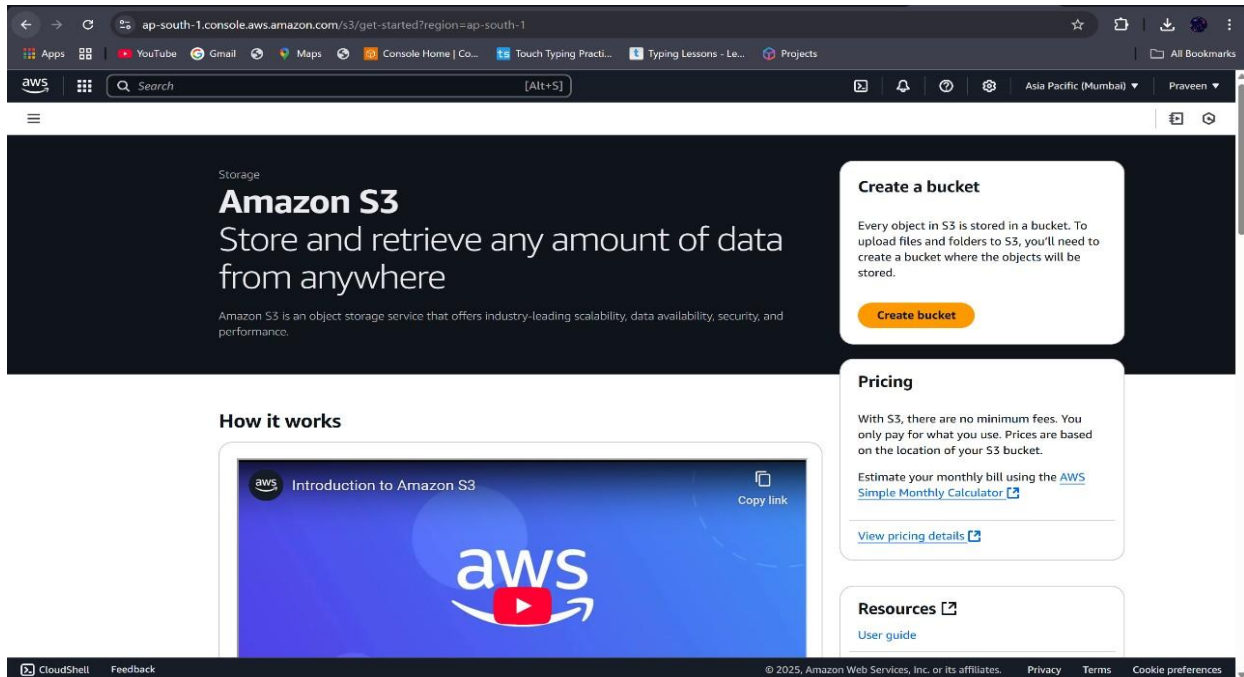


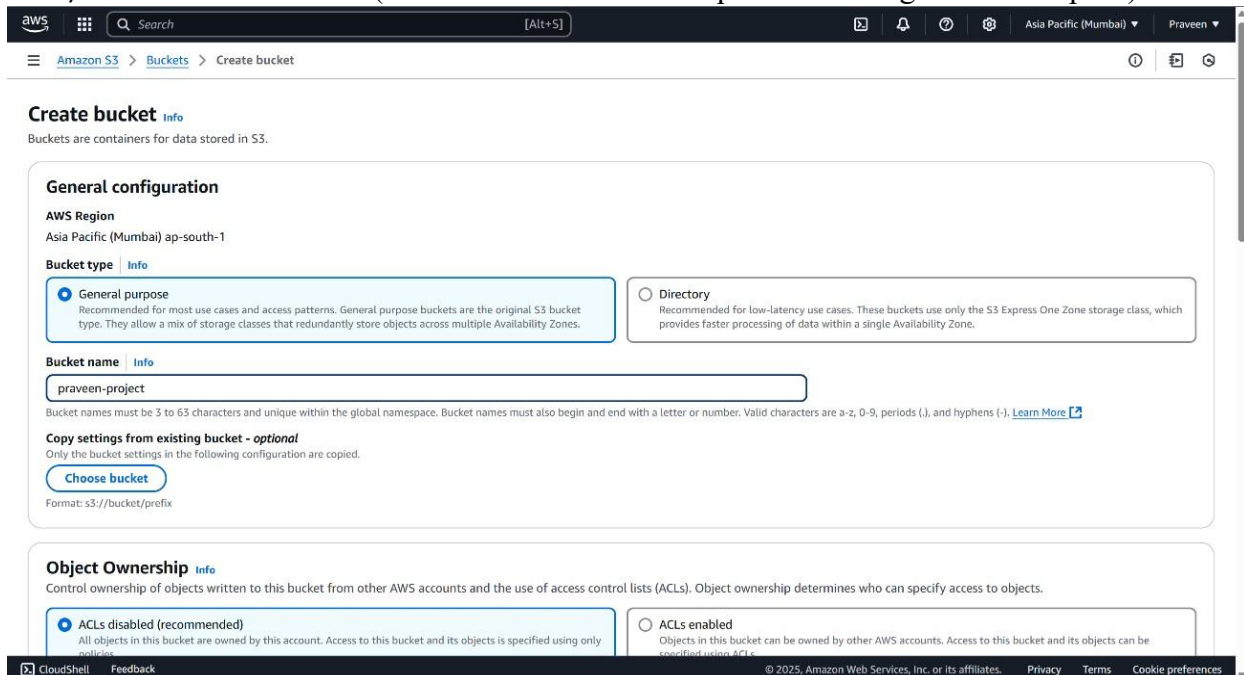
Hosting a static website using Amazon S3

A) Create a bucket:

- 1) Sign in to the AWS Management Console & Open Amazon S3 Service
- 2) Click on create bucket



- 3) Give name to bucket (Bucket name must be unique within the global namespace)



4) Then, keep all setting default and click on Create Bucket

aws Search [Alt+S]

Amazon S3 > Buckets > Create bucket

Add tag

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)
- ☐ Server-side encryption with AWS Key Management Service keys (SSE-KMS)
- ☐ Dual-layer server-side encryption with AWS Key Management Service keys (DSSE-KMS)
Secure your objects with two separate layers of encryption. For details on pricing, see DSSE-KMS pricing on the Storage tab of the [Amazon S3 pricing page](#).

Bucket Key
Using an S3 Bucket Key for SSE-KMS reduces encryption costs by lowering calls to AWS KMS. S3 Bucket Keys aren't supported for DSSE-KMS. [Learn more](#)

- ☐ Disable
- ☒ Enable

► **Advanced settings**

After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket settings.

Cancel Create bucket

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5) Bucket created successfully

aws Search [Alt+S]

Amazon S3 > Buckets

✓ **Successfully created bucket "praveen-project"**
To upload files and folders, or to configure additional bucket settings, choose [View details](#).

► **Account snapshot - updated every 24 hours** [All AWS Regions](#) [View Storage Lens dashboard](#)

Storage lens provides visibility into storage usage and activity trends. Metrics don't include directory buckets. [Learn more](#)

General purpose buckets | Directory buckets

General purpose buckets (1) [Info](#) [All AWS Regions](#)

Buckets are containers for data stored in S3.

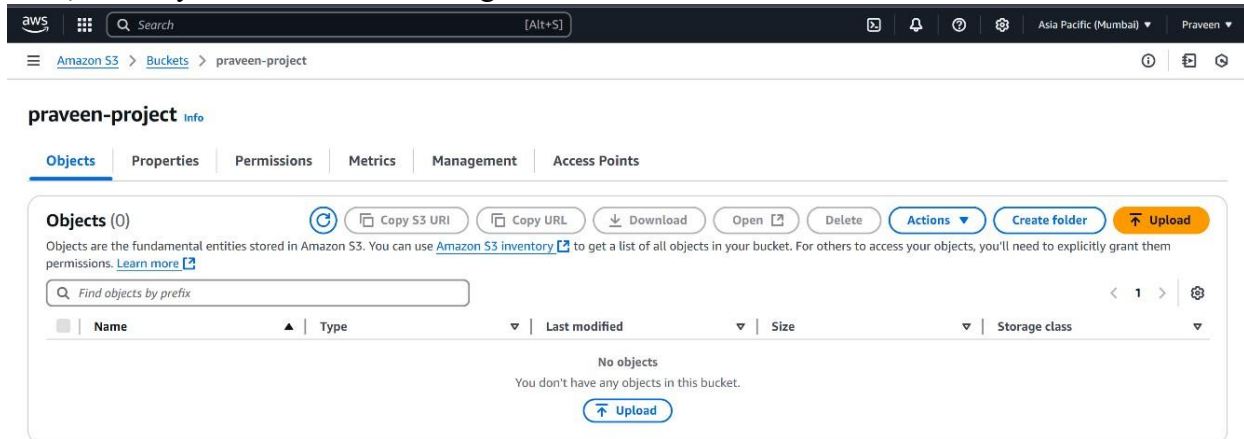
Find buckets by name

Name	AWS Region	IAM Access Analyzer	Creation date
praveen-project	Asia Pacific (Mumbai) ap-south-1	View analyzer for ap-south-1	April 1, 2025, 17:18:50 (UTC+05:30)

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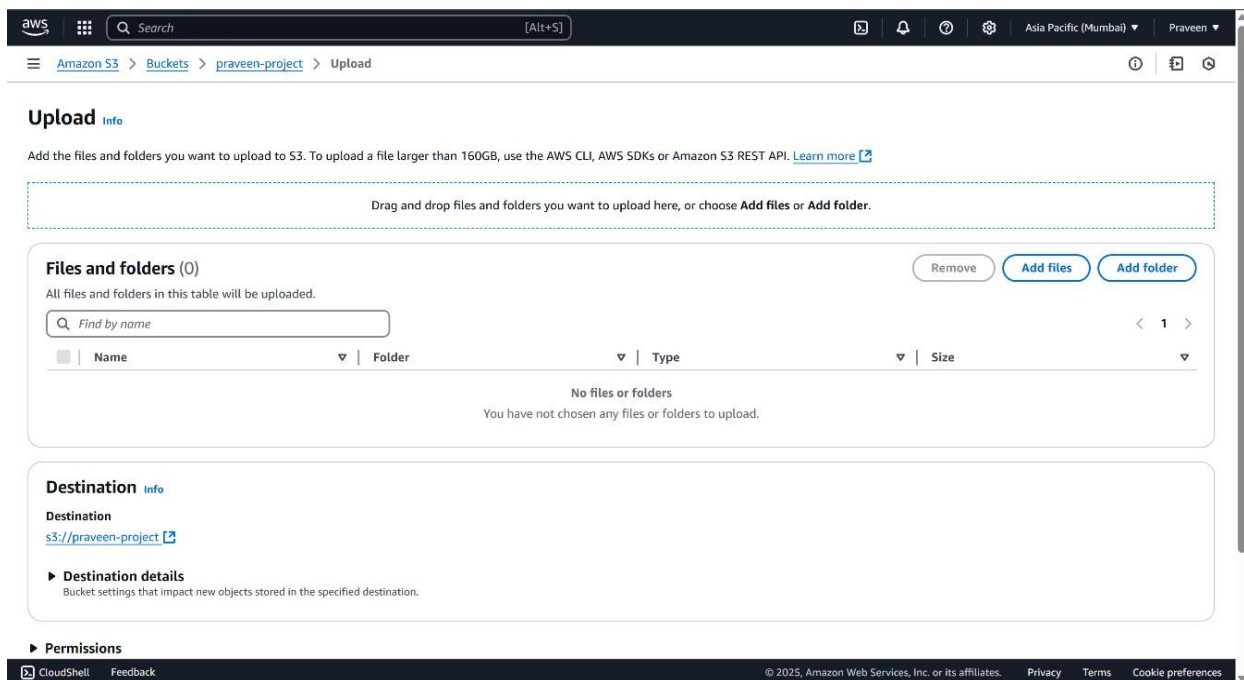
B) Upload files or folder:

1) Click your Bucket Name and go into the Bucket



The screenshot shows the AWS S3 console interface for a bucket named 'praveen-project'. The 'Objects' tab is active, displaying a list of objects (0). The interface includes a search bar, a table with columns for Name, Type, Last modified, Size, and Storage class, and a 'No objects' message. The 'Upload' button is prominently displayed in the top right corner.

2) Now Click on Upload. Drag and drop files and folders you want to upload, or choose Add files or Add folders



The screenshot shows the AWS S3 console interface for the 'Upload' page of the 'praveen-project' bucket. The 'Upload' button is selected, leading to a page with a drag-and-drop area and a table for files and folders to be uploaded. The 'Destination' section shows the bucket path 's3://praveen-project'.

1) Upload HTML code files in Bucket

aws Search [Alt+S]

Amazon S3 Buckets praveen-project Upload

Upload Info

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, 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 (30 total, 1.8 MB) Remove Add files Add folder

All files and folders in this table will be uploaded.

Find by name

<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	s6.png	static website/images/	image/png	3.2 KB
<input type="checkbox"/>	slider-bg.jpg	static website/images/	image/jpeg	178.3 KB
<input type="checkbox"/>	bootstrap.js	static website/js/	text/javascript	133.5 KB
<input type="checkbox"/>	custom.js	static website/js/	text/javascript	1.5 KB
<input type="checkbox"/>	jquery-3.4.1.min.js	static website/js/	text/javascript	86.1 KB
<input type="checkbox"/>	about.html	static website/	text/html	11.2 KB
<input type="checkbox"/>	contact.html	static website/	text/html	12.3 KB
<input type="checkbox"/>	index.html	static website/	text/html	25.4 KB
<input type="checkbox"/>	portfolio.html	static website/	text/html	12.4 KB
<input type="checkbox"/>	service.html	static website/	text/html	13.6 KB

2) Click on Upload button to upload it on Bucket

3) Uploading files and folders on Bucket

aws Search [Alt+S]

Upload succeeded
For more information, see the Files and folders table.

Files and folders Configuration

Files and folders (30 total, 1.8 MB) Find by name

Name	Folder	Type	Size	Status	Error
s6.png	static website/images/	image/png	3.2 KB	✓ Succeeded	-
slider-bg.jpg	static website/images/	image/jpeg	178.3 KB	✓ Succeeded	-
bootstrap.js	static website/js/	text/javascript	133.5 KB	✓ Succeeded	-
custom.js	static website/js/	text/javascript	1.5 KB	✓ Succeeded	-
jquery-3.4.1.min.js	static website/js/	text/javascript	86.1 KB	✓ Succeeded	-
about.html	static website/	text/html	11.2 KB	✓ Succeeded	-
contact.html	static website/	text/html	12.3 KB	✓ Succeeded	-
index.html	static website/	text/html	25.4 KB	✓ Succeeded	-
portfolio.html	static website/	text/html	12.4 KB	✓ Succeeded	-
service.html	static website/	text/html	13.6 KB	✓ Succeeded	-

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C) Files are uploaded successfully, now follow this process:

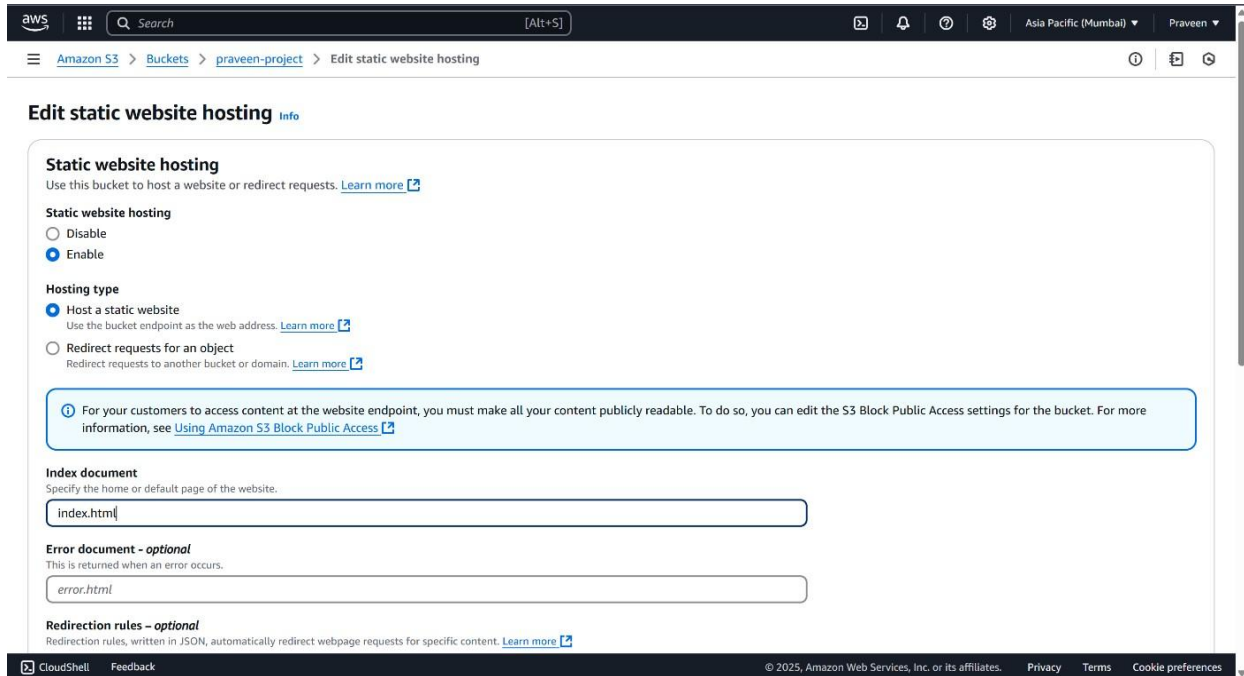
1) Go to properties and click on edit option of bucket versioning

The screenshot shows the AWS Management Console for the 'praveen-project' bucket. The 'Properties' tab is active, displaying various bucket settings. The 'Bucket overview' section shows the AWS Region as 'Asia Pacific (Mumbai) ap-south-1', the Amazon Resource Name (ARN) as 'arn:aws:s3::praveen-project', and the Creation date as 'April 1, 2025, 17:18:50 (UTC+05:30)'. The 'Bucket Versioning' section indicates that versioning is 'Disabled' and provides an 'Edit' button. Below this, the 'Multi-factor authentication (MFA) delete' status is also 'Disabled'. The 'Tags' section shows no tags are currently applied to the bucket.

2) In properties go to edit option of Static Website Hosting to enable static website hosting

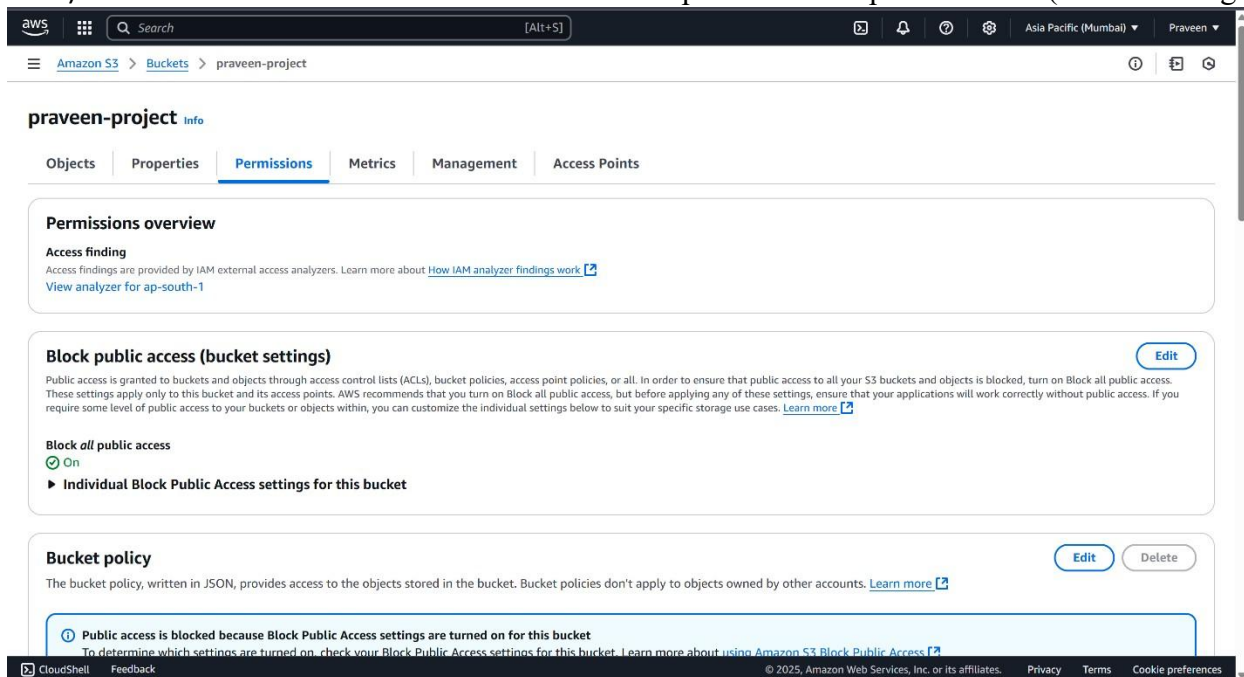
The screenshot shows the AWS Management Console for the 'praveen-project' bucket, specifically the 'Static website hosting' section. It features a recommendation banner for 'AWS Amplify Hosting for static website hosting', suggesting it as a faster and more secure option. Below the banner, the 'Static website hosting' status is shown as 'Disabled' with an 'Edit' button. The 'Object Lock' and 'Requester pays' sections are also visible, both currently 'Disabled'.

3) Enable Static website hosting and specify the home or default page of the website as index.html & click on save changes

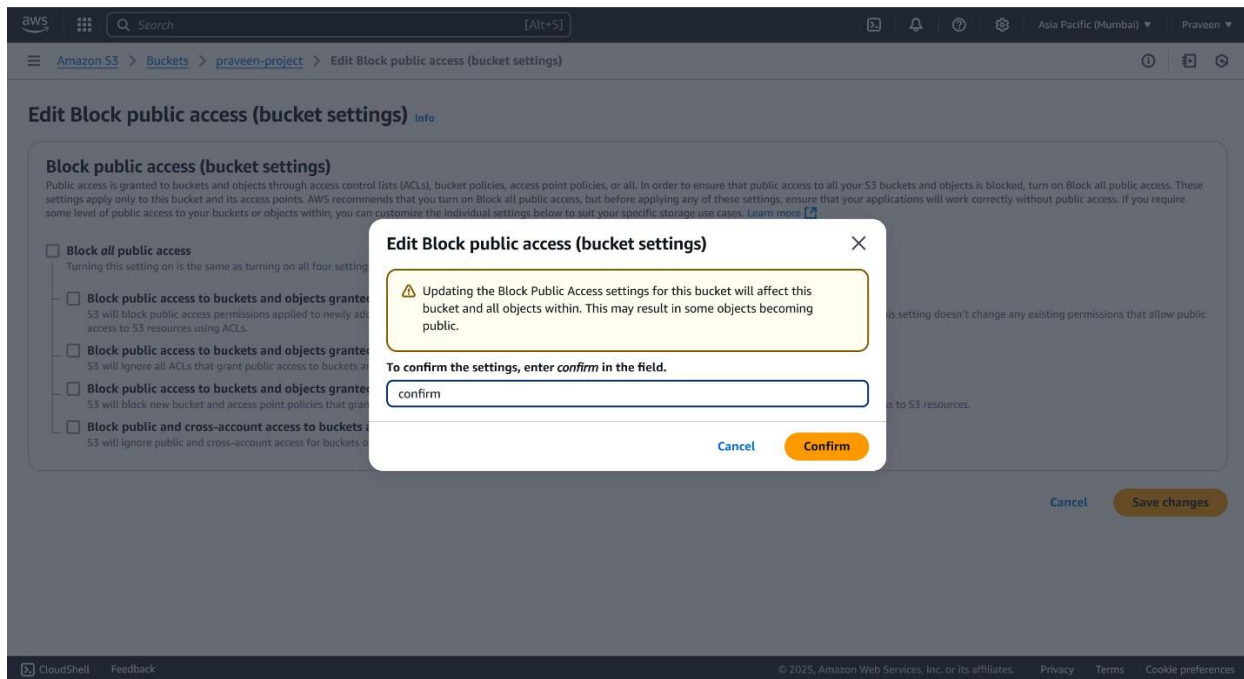


D] Now change Permissions for access our website publicly:

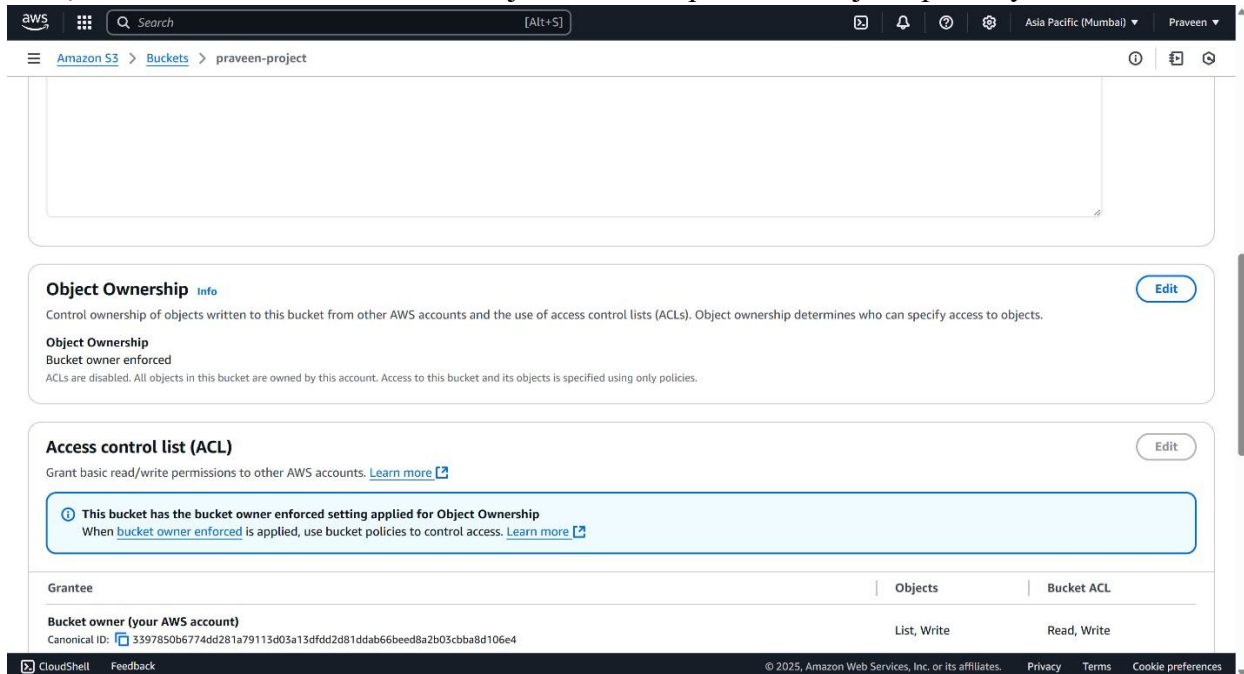
- 1) Go to Permissions section and click on Edit option of block public access (bucket settings)



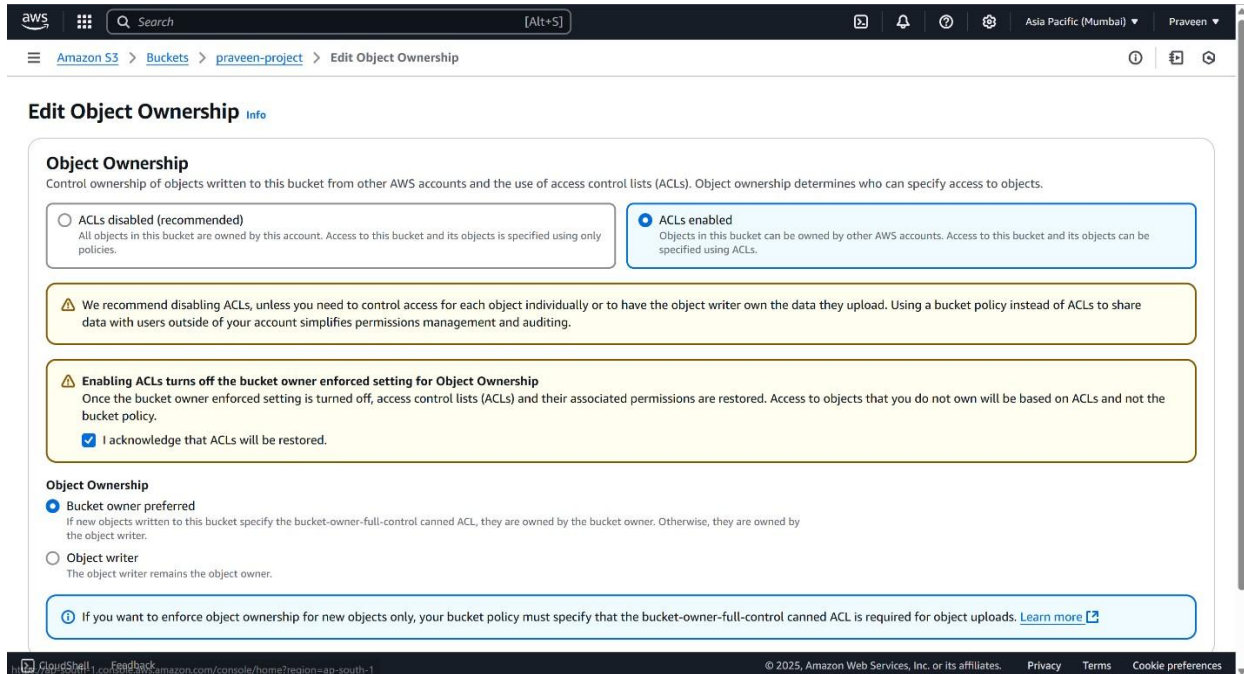
- 2) Uncheck (Block all public access) for the public and click Save changes and confirm the settings.



- 3) Now, click on Edit button of Object Ownership to make objects publicly available

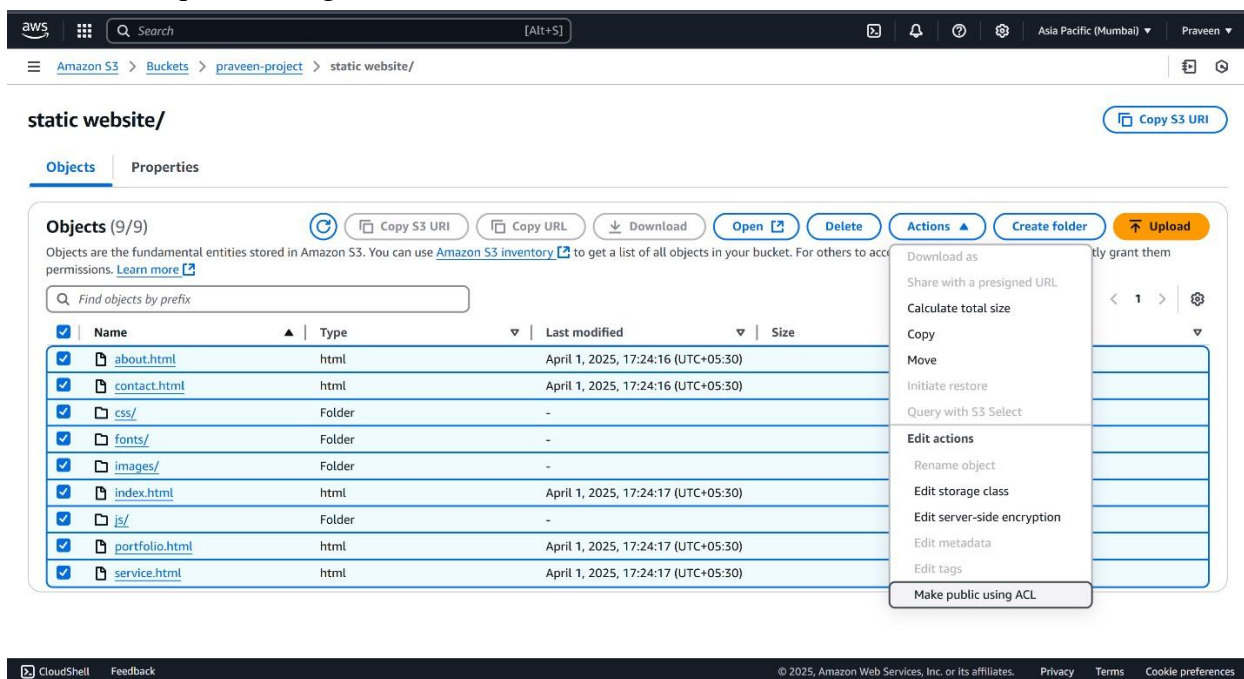


- 4) Click on ACLs enabled for making Public & click checkbox (I acknowledge that ACLs will be restored) and click on Save changes



E] Make public objects:

- 1) Click on Objects and select all objects in the bucket. Then, click on Actions and select Make public using ACL



Successfully edited public access

Search [Alt+S] Asia Pacific (Mumbai) Praveen

Successfully edited public access
View details below.

Make public: status Close

After you navigate away from this page, the following information is no longer available.

Summary

Source
s3://praveen-project/static website/

Successfully edited public access
30 objects, 1.8 MB

Failed to edit public access
0 objects

Failed to edit public access

Configuration

Failed to edit public access (0)

Find objects by name

Name	Folder	Type	Last modified	Size	Error
No objects failed to edit					

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F] Check out Static Website:

- 1) Copy URL from Static website hosting section in properties of bucket

Search [Alt+S] Asia Pacific (Mumbai) Praveen

Amazon S3 > Buckets > praveen-project

Object Lock Disabled

Requester pays

When enabled, the requester pays for requests and data transfer costs, and anonymous access to this bucket is disabled. [Learn more](#)

Requester pays Disabled

Edit

Static website hosting

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

We recommend using AWS Amplify Hosting for static website hosting
Deploy a fast, secure, and reliable website quickly with AWS Amplify Hosting. Learn more about [Amplify Hosting](#) or [View your existing Amplify apps](#)

Create Amplify app

S3 static website hosting Enabled

Hosting type Bucket hosting

Bucket website endpoint copied

When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. [Learn more](#)

<http://praveen-project.s3-website.ap-south-1.amazonaws.com>

Edit

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2) Now, paste this URL into another tab or other browser

