

Project 1: Static Website Hosting on AWS S3

1. Create an S3 Bucket – Enable public access and configure it for static website hosting.

The screenshot displays the AWS S3 console interface. The left sidebar shows the navigation menu with options like General purpose buckets, Directory buckets, Table buckets, Access Grants, Access Points, Object Lambda Access Points, Multi-Region Access Points, Batch Operations, IAM Access Analyzer for S3, Storage Lens, and Feature spotlight. The main content area shows the 'General purpose buckets' tab selected. A table lists the buckets, with one bucket named 'my-first-spotify-clone-website' in the 'Asia Pacific (Mumbai) ap-south-1' region. The creation date is 'February 13, 2025, 17:08:57 (UTC+05:30)'. The table has columns for Name, AWS Region, IAM Access Analyzer, and Creation date. Above the table, there are buttons for 'Copy ARN', 'Empty', 'Delete', and 'Create bucket'. The top of the console shows the account snapshot and a search bar. The bottom of the console shows the taskbar with various application icons and the system clock.

Amazon S3

Account snapshot - updated every 24 hours [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](#) [Refresh](#) [Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

Buckets are containers for data stored in S3.

Name	AWS Region	IAM Access Analyzer	Creation date
my-first-spotify-clone-website	Asia Pacific (Mumbai) ap-south-1	View analyzer for ap-south-1	February 13, 2025, 17:08:57 (UTC+05:30)

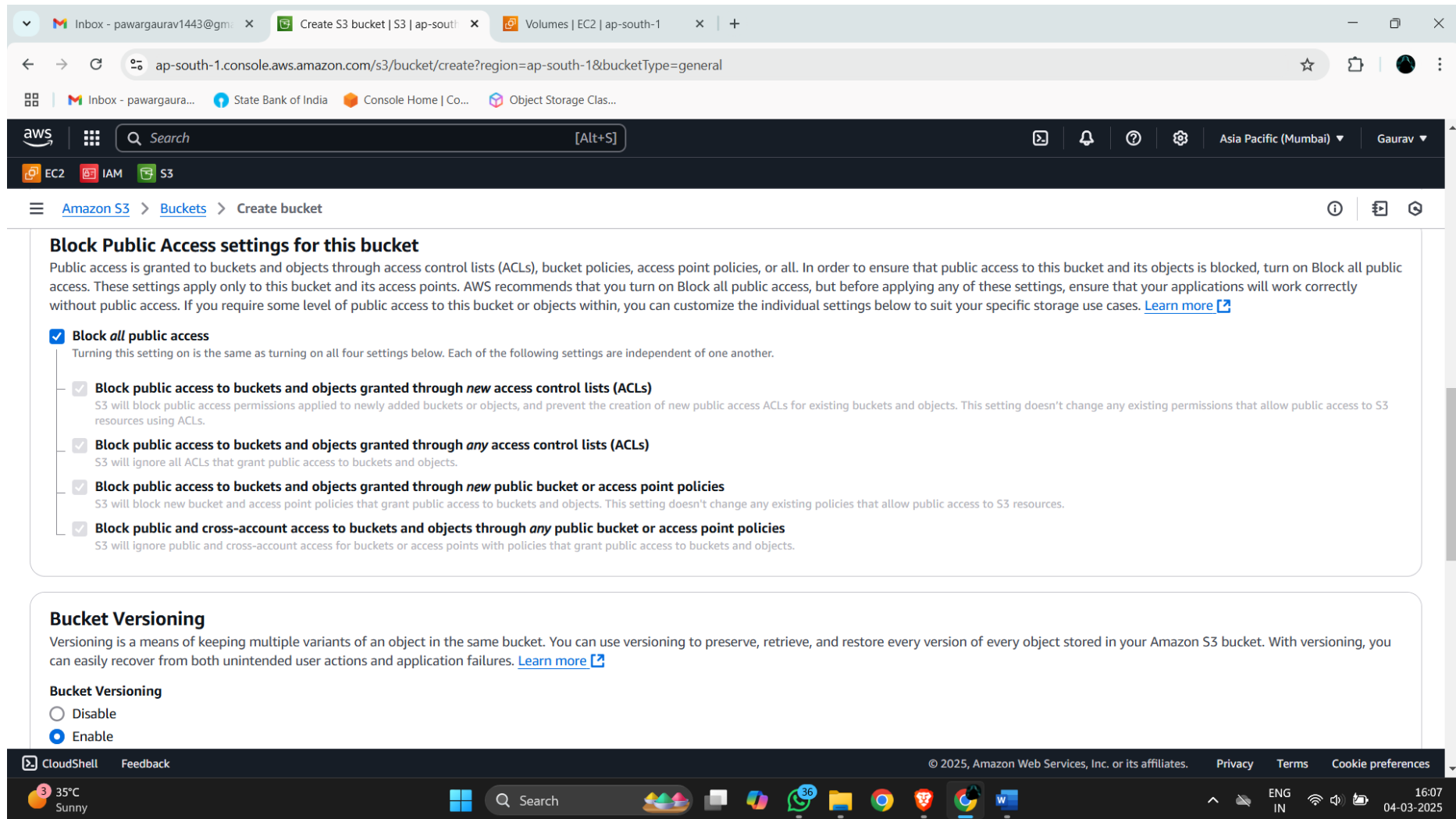
CloudShell Feedback

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Finance headline
India reported ...

Search

18:39
13-02-2025



2. Enable Static Website Hosting – Configure index and error pages.

The screenshot displays the AWS Management Console interface for configuring static website hosting on an S3 bucket. The browser address bar shows the URL: `ap-south-1.console.aws.amazon.com/s3/bucket/mynew1443/property/website/edit?region=ap-south-1&bucketType=general`. The console breadcrumb navigation indicates the path: `Amazon S3 > Buckets > mynew1443 > Edit static website hosting`.

Edit static website hosting [Info](#)

Static website hosting
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](#)

Index document
Specify the home or default page of the website.

Error document - optional
This is returned when an error occurs.

Informational message: 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](#)

The bottom of the image shows the Windows taskbar with the date and time as 16:18 on 04-03-2025, and the system temperature as 35°C Sunny.

3. Upload Website Files – Store HTML, CSS, JavaScript, and assets in the S3 bucket.

The screenshot shows the AWS Management Console for the 'static-website-spotify' S3 bucket. The 'Objects' tab is active, displaying a list of objects. The table below summarizes the objects shown:

Name	Type	Last modified	Size	Storage class
assets/	Folder	-	-	-
error.html	html	February 14, 2025, 16:05:25 (UTC+05:30)	1.1 KB	Standard
index.html	html	February 14, 2025, 16:05:25 (UTC+05:30)	8.1 KB	Standard
style.css	css	February 14, 2025, 16:05:25 (UTC+05:30)	5.0 KB	Standard

The bottom of the image shows a Windows taskbar with the date 14-02-2025 and time 16:12, and a CloudShell terminal window at the bottom.

4. Access the Website – Use the provided S3 endpoint URL to access the hosted website.

The screenshot displays the AWS Management Console interface for an S3 bucket. The browser address bar shows the URL: `ap-south-1.console.aws.amazon.com/s3/buckets/my-first-spotify-clone-website?region=ap-south-1&bucketType=general&tab=properties`. The console header includes the AWS logo, a search bar, and navigation links for EC2, IAM, S3, CloudFront, and VPC. The left sidebar shows the 'Amazon S3' navigation pane with options like 'General purpose buckets', 'Directory buckets', 'Table buckets', 'Access Grants', 'Access Points', 'Object Lambda Access Points', 'Multi-Region Access Points', 'Batch Operations', and 'IAM Access Analyzer for S3'. The main content area displays the bucket's properties:

- requester pays**: When enabled, the requester pays for requests and data transfer costs, and anonymous access to this bucket is disabled. [Learn more](#) [Edit]
- Static website hosting**: Use this bucket to host a website or redirect requests. [Learn more](#) [Edit]
- Static website hosting configuration**:
 - S3 static website hosting**: Enabled
 - Hosting type**: Bucket hosting
 - Bucket website endpoint**: 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://my-first-spotify-clone-website.s3-website.ap-south-1.amazonaws.com`

A recommendation banner for AWS Amplify Hosting is also visible, suggesting to 'Create Amplify app'. The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 18:41 on 13-02-2025.

5. Access Your Website Through Endpoint URL

