Static Website Hosting using AWS S3

- To deploy and host a static website by using an Amazon S3 bucket, uploading HTML files, and enabling static website hosting features in bucket.

● **Tools & Services Used**

1. - AWS S3 (Simple Storage Service)
2. - HTML files (static web pages)
3. - AWS Management Console

Amazon S3 (Simple Storage Service) allows you to host static websites directly from an S3 bucket. A static website consists of HTML, CSS, JavaScript, and image files that don't require server-side processing (like PHP or databases). With S3, these files are stored and served to users via the internet using a bucket endpoint or a custom domain.

Steps Performed :

Step 1 : Create an S3 Bucket :

- Logged into the AWS Management Console.
- Created a new S3 bucket with a unique name.
- Selected the desired region.
- Disabled "Block all public access" (to allow public website access).

Step 2: Upload Website Files :

- Uploaded HTML files (e.g., index.html, about.html).
- Set permissions for objects to make them publicly accessible.

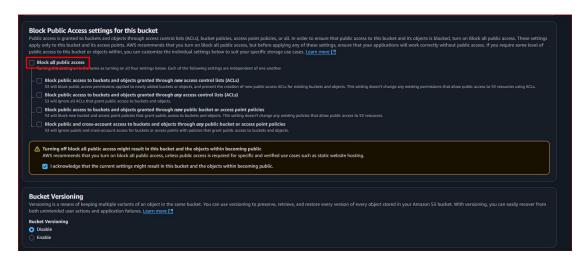### Step 3: Enable Static Website Hosting :

- Went to the Properties tab of the bucket.
- Selected Static Website Hosting.Configured
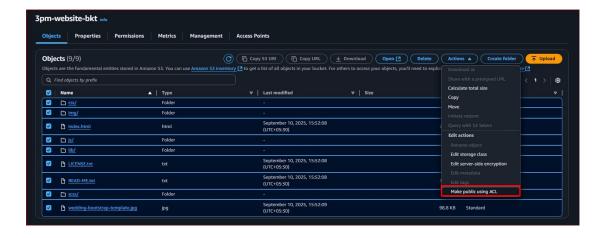- index document → index.html

Step 4: Access the Website :

- Copied the endpoint URL provided in the static website hosting section.
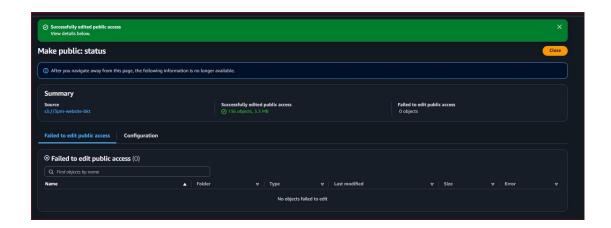- Opened it in the browser to verify the website was successfully hosted.

1. Created S3 bucket (Public) :
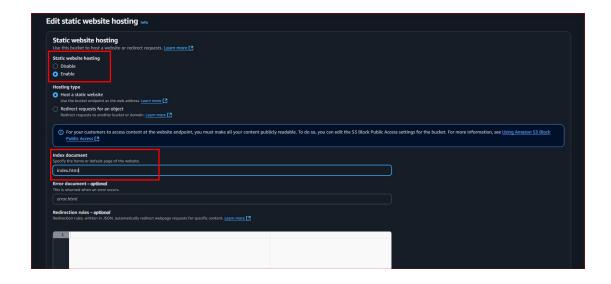
Created bucket disabling block all public access

2. Upload HTML Files & set permissions for make it public :

3. Make it Static :

- <u>Enable</u> Static Website Hosting
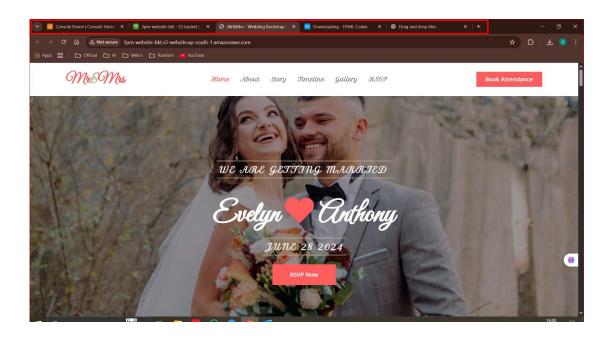- And Add **index.html** at the index document

4. Copy URL :

Copy the URL after enabling the static Website hosting .

5. Access the Website :

Stay Connected :

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Thank You .