

AMAZON S3 STATIC WEBSITE HOSTING - STEP-BY-STEP DOCUMENTATION

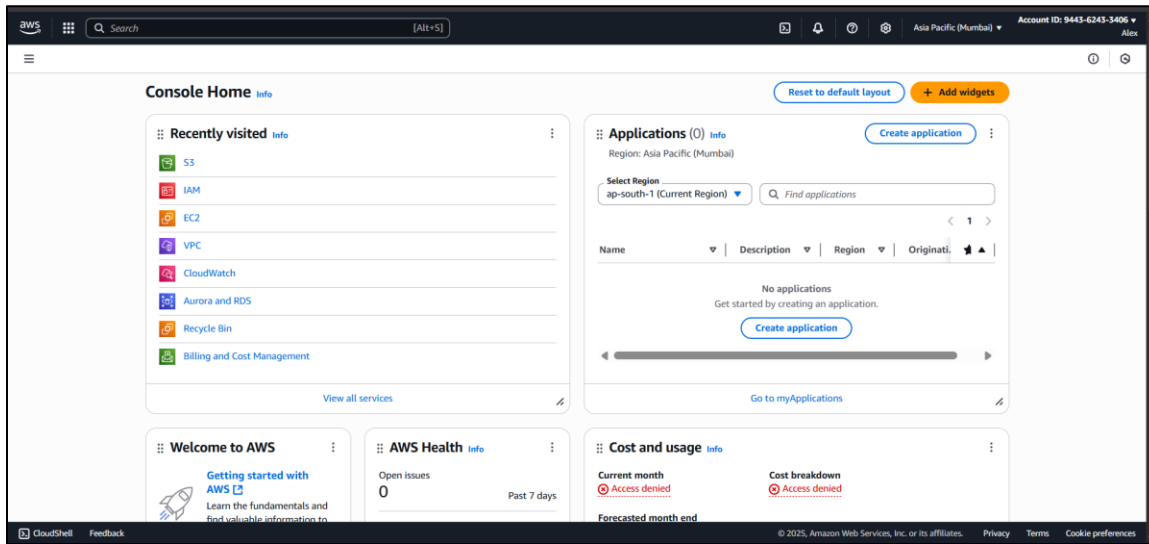
This documentation provides a detailed, step-by-step process for hosting a static website using Amazon S3. Each step includes space for adding relevant screenshots for better clarity.

Step 1: Log in to AWS Management Console

Access your AWS account to start configuring the S3 bucket for website hosting.

Actions:

- Open your web browser and go to <https://aws.amazon.com/console/>
- Sign in using your AWS account credentials (Root user or IAM user)

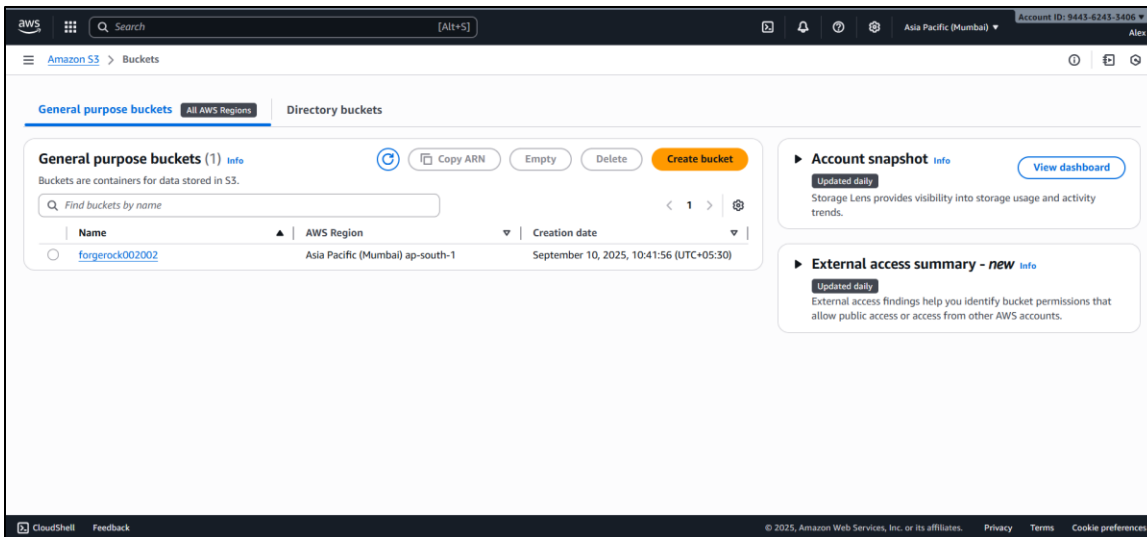


Step 2: Create an S3 Bucket

You need to create an Amazon S3 bucket to store your website files.

Actions:

- From the AWS Management Console, search for 'S3' in the search bar.
- Click 'Create bucket'.
- Enter a unique bucket name (e.g., my-website-demo).
- Choose the AWS Region where you want to create the bucket.
- Uncheck 'Block all public access' to allow public access for website files.
- Acknowledge the warning by checking the box.
- Click 'Create bucket'.

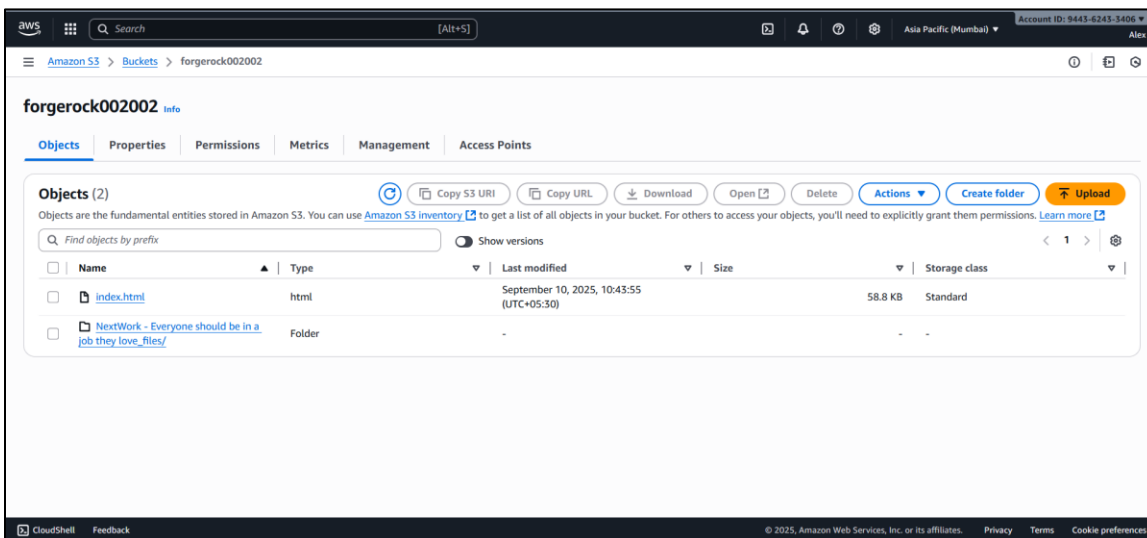


Step 3: Upload Website Files

Add your HTML, CSS, JavaScript, and other static files to the S3 bucket.

Actions:

- - Click on your newly created bucket name.
- - Go to the 'Objects' tab.
- - Click 'Upload'.
- - Click 'Add files' and select your local website files.
- - Click 'Upload' to store them in S3.



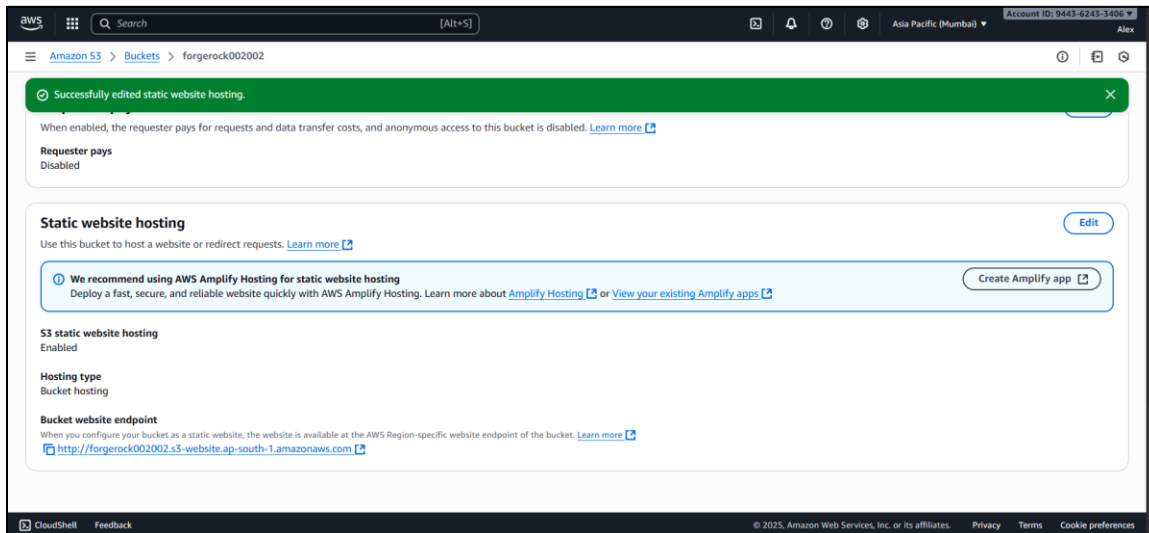
Step 4: Enable Static Website Hosting

Turn on static website hosting so your files can be served publicly over HTTP.

Actions:

- - In your bucket, go to the 'Properties' tab.

- - Scroll to 'Static website hosting'.
- - Click 'Edit'.
- - Select 'Enable'.
- - Choose 'Host a static website'.
- - Enter 'index.html' as the Index document.
- - Enter 'error.html' as the Error document (optional).
- - Click 'Save changes'.



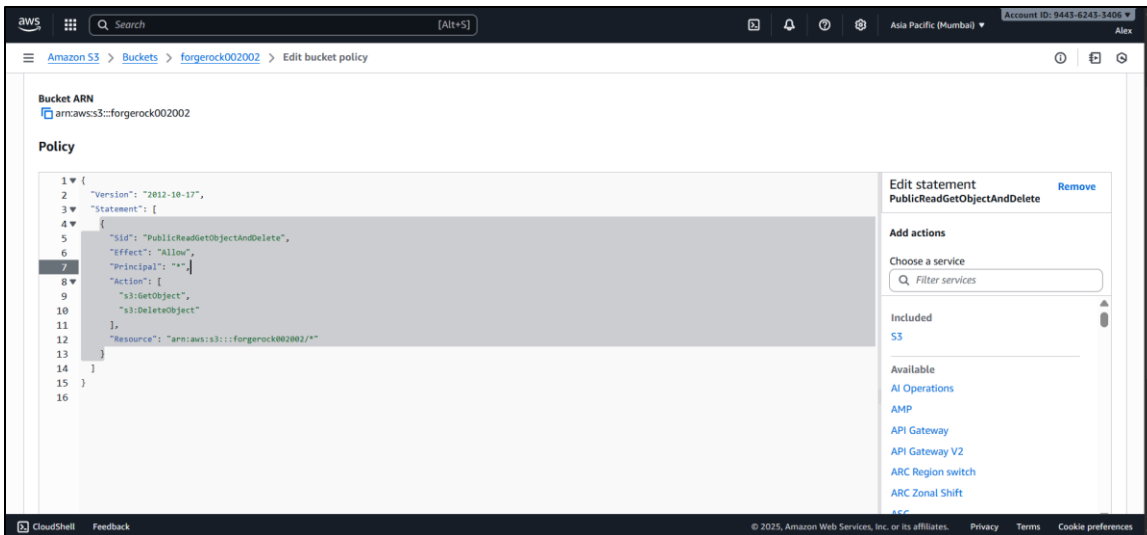
Step 5: Set Bucket Policy for Public Access

Allow the public to access your website files by updating the bucket policy.

Actions:

- - Go to the 'Permissions' tab of your bucket.
- - Scroll to 'Bucket policy' and click 'Edit'.
- - Paste a JSON policy that grants public read access to all objects.
- - Example Policy:
- - {


```
"Version": "2012-10-17",
"Statement": [
  {
    "Sid": "PublicReadGetObject",
    "Effect": "Allow",
    "Principal": "*",
    "Action": "s3:GetObject",
    "Resource": "arn:aws:s3:::my-website-demo/*"
  }
]
}
```
- - Click 'Save changes'.



Step 6: Access Your Website

Use the S3 static website hosting endpoint to view your live site.

Actions:

- - Go back to the 'Properties' tab.
- - Scroll to 'Static website hosting'.
- - Copy the 'Bucket website endpoint' URL.
- - Paste it into your browser to see your website live.

