Here's a step-by-step guide to document the process of creating a static website on Amazon S3:

**Step 1: Create an S3 Bucket**

1. **Sign in to the AWS Management Console**.
2. **Navigate to the S3 service**.
3. **Click on "Create bucket"**.
4. **Enter a unique bucket name** (e.g., my-static-website).
5. **Choose a region**.
6. **Leave the default settings** and click **"Create bucket"**.

**Step 2: Upload Your Website Files**

1. **Select your newly created bucket**.
2. **Click on "Upload"**.
3. **Add your** index.html **file and any other files (e.g., images, CSS)**.
4. **Click "Upload"**.

**Step 3: Configure Bucket as a Static Website**

1. **Go to the "Properties" tab** of your bucket.
2. **Scroll down to "Static website hosting"**.
3. **Click "Edit"**.
4. **Select "Enable"**.
5. **Specify the** index.html **file as the index document**.
6. **Click "Save changes"**.

**Step 4: Set Permissions for Public Access**

1. **Go to the "Permissions" tab** of your bucket.
2. **Click on "Bucket Policy"**.
3. **Add the following policy** to allow public read access:

json

{

"Version": "2012-10-17",

"Statement": [

{

"Effect": "Allow",

"Principal": "\*",

"Action": "s3:GetObject",

"Resource": "arn:aws:s3:::my-static-website/\*"

}

]

}

1. **Replace** my-static-website **with your actual bucket name**.
2. **Click "Save"**.

**Step 5: Access Your Static Website**

1. **Go back to the "Properties" tab**.
2. **Under "Static website hosting"**, you will see the **"Bucket website endpoint"**.
3. **Copy the URL** and **paste it into your browser** to view your static website.

**Troubleshooting Tips**

* **Ensure all files have the correct permissions**.
* **Check the file paths in your** index.html to make sure they match the uploaded files.
* **Review the bucket policy** to ensure it allows public access.

Feel free to add any additional steps or notes specific to your setup. If you encounter any issues, let me know, and I'll be happy to help