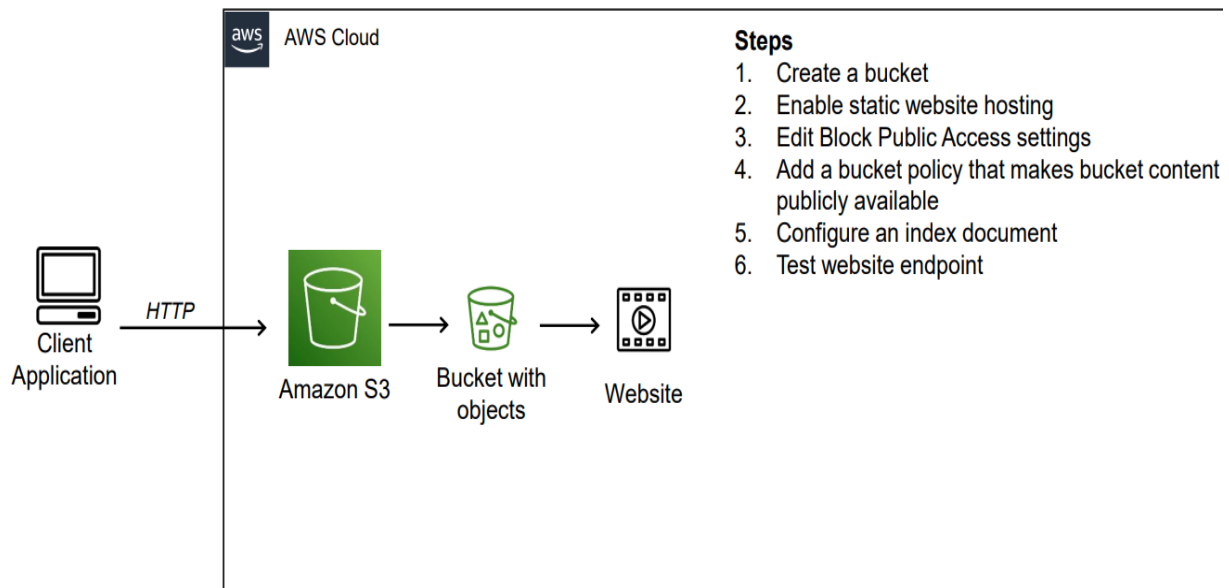


# TITLE: S3 HOST STATIC WEBSITE



## STEP 1: CREATE BUCKET

1. Log in to **AWS Console**, open S3 service, and click **Create bucket**.
2. Enter a unique **Bucket name**, choose the **Region**, configure options, and click **Create bucket**.

Amazon S3 > Buckets > Create bucket

### Create bucket [Info](#)

Buckets are containers for data stored in S3.

**General configuration**

AWS Region  
US East (N. Virginia) us-east-1

Bucket type [Info](#)

☒ **General purpose**  
Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

☐ **Directory**  
Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

Bucket name [Info](#)

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket - *optional*  
Only the bucket settings in the following configuration are copied.

Format: s3://bucket/prefix


3. Configure **Block Public Access** settings.

4. Enable **Versioning** (optional).

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

☐ **Block all public access**  
Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

- ☐ **Block public access to buckets and objects granted through new access control lists (ACLs)**  
S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.
- ☐ **Block public access to buckets and objects granted through any access control lists (ACLs)**  
S3 will ignore all ACLs that grant public access to buckets and objects.
- ☐ **Block public access to buckets and objects granted through new public bucket or access point policies**  
S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.
- ☐ **Block public and cross-account access to buckets and objects through any public bucket or access point policies**  
S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

 **Turning off block all public access might result in this bucket and the objects within becoming public**  
AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.









☒ I acknowledge that the current settings might result in this bucket and the objects within becoming public.

## STEP 2: S3 BUCKET SUCCESSFULLY CREATE


Amazon S3 > Buckets > s3hostss

s3hostss [Info](#)

[Objects](#) | [Properties](#) | [Permissions](#) | [Metrics](#) | [Management](#) | [Access Points](#)

**Objects (0)** [Info](#)   Copy S3 URI  Copy URL  Download  Open  Delete [Actions](#)  Create folder  Upload

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
No objects					
You don't have any objects in this bucket.					
 Upload					

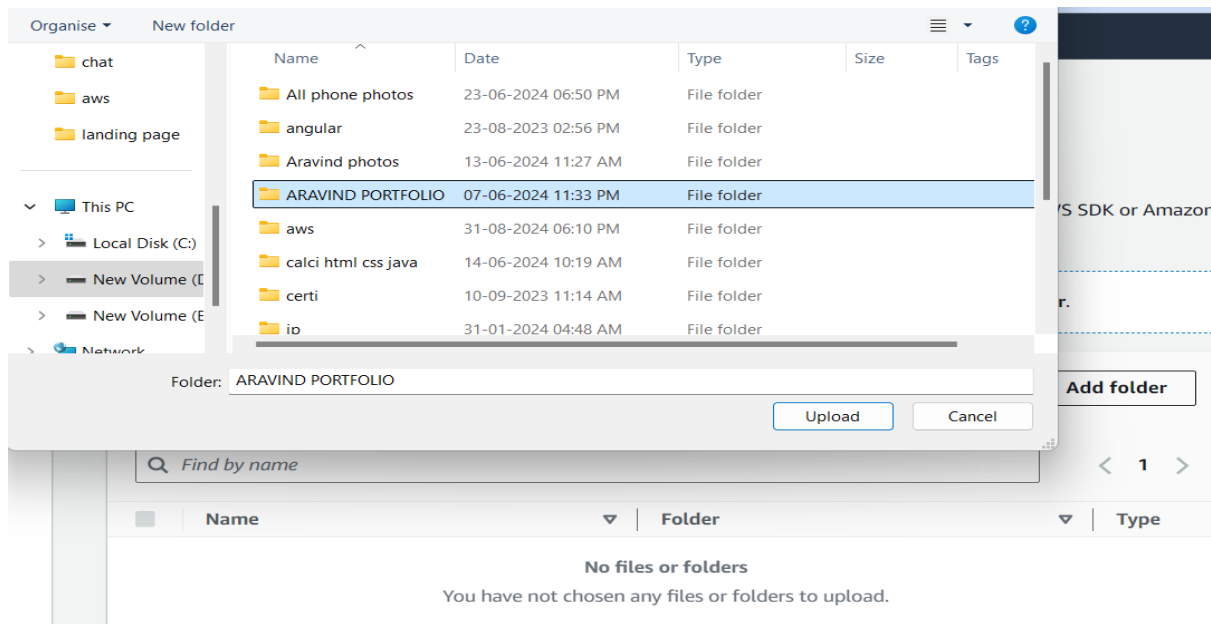
## STEP 3: UPLOAD AND SELECT BUCKET

### 1 Select Your Bucket:

- Click on the bucket name where you want to upload files.

### 2 Upload Files:

- Click the **Upload** button.
- Click **Add files** or **Add folder** to select the files or folder you want to upload.
- Click **Upload** at the bottom.



### STEP 3:FILES AND FOLDERS ARE UPLOAD

🟢 Upload succeeded  
View details below.

Destination	Succeeded	Failed
s3://s3hostss	🟢 6 files, 324.8 KB (100.00%)	🔴 0 files, 0 B (0%)

**Files and folders** | Configuration

**Files and folders** (6 Total, 324.8 KB)

🔍 Find by name

Name	Folder	Type	Size	Status	Error
<a href="#">index.html</a>	ARAVIND PO...	text/html	9.7 KB	🟢 Succeeded	-
<a href="#">main.js</a>	ARAVIND PO...	text/javascript	2.9 KB	🟢 Succeeded	-
<a href="#">ARAVIND K.j...</a>	ARAVIND PO...	image/jpeg	194.1 KB	🟢 Succeeded	-
<a href="#">OK RIO.jpg</a>	ARAVIND PO...	image/jpeg	38.2 KB	🟢 Succeeded	-
<a href="#">RIO.jpg</a>	ARAVIND PO...	image/jpeg	67.1 KB	🟢 Succeeded	-
<a href="#">style.css</a>	ARAVIND PO...	text/css	12.7 KB	🟢 Succeeded	-

### STEP 4

#### Select Your Bucket:

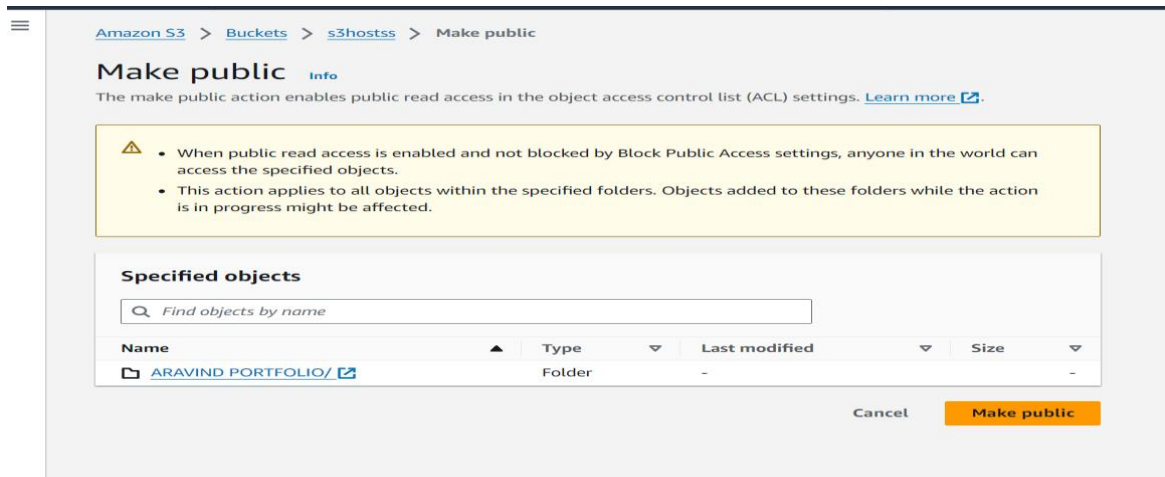
- Click on the bucket name you want to make public.

#### Permissions Tab:

- Go to the **Permissions** tab.

#### 🔒Block Public Access Settings:

- Click **Edit** under **Block public access (bucket settings)**.
- Uncheck the options to **block all public access**. Confirm your changes.



## STEP 5

### Select Your Bucket:

- Click on the bucket name where you want to enable static website hosting.

### Properties Tab:

- Go to the **Properties** tab.

### Static Website Hosting:

- Click **Edit** under **Static website hosting**.
- Select **Enable**.
- For **Index document**, enter the name of your index file (e.g., index.html).
- For **Error document**, enter the name of your error file (e.g., error.html) if you have one.
- Click **Save changes**.

Amazon S3 > Buckets > s3hostss > 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](#)

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](#)

Index document

Specify the home or default page of the website.

index.html

## STEP 6: Get Object URL

- 1.After making the object public, click on the object name.
- 2.Under **Object URL**, you will see a URL that you can copy and use to access the object.

Amazon S3 > Buckets > s3hostss > ARAVIND PORTFOLIO/ > assets/

assets/

Copy S3 URI

Objects

Properties

Object URL Copied

Objects (4) Info

Copy S3 URI

Copy URL

Download

Open

Delete

Actions

Create folder

Upload

Find objects by prefix

Show versions

	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	css/	Folder	-	-	-
<input type="checkbox"/>	images/	Folder	-	-	-
<input checked="" type="checkbox"/>	index.html	html	September 14, 2024, 13:34:25 (UTC+05:30)	9.7 KB	Standard
<input type="checkbox"/>	js/	Folder	-	-	-

## OUTPUT

After following the steps to make your objects public, you can generate clickable URLs for the objects in your S3 bucket

