

Simple Static Website with AWS S3

Overview

This documentation will guide you through creating a basic static website hosted on Amazon S3.

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1. Prerequisites

Before you begin, make sure you have an AWS account

2. Create an S3 Bucket

1. Go to the [Amazon S3 Console] (<https://s3.console.aws.amazon.com/s3/>).
2. Click on the "Create bucket" button.
3. Choose a globally unique name for your bucket (e.g., my-static-website-bucket).
4. Click through the default settings and click "Create bucket."

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Storage

Amazon S3

Store and retrieve any amount of data from anywhere

Amazon S3 is an object storage service that offers industry-leading scalability, data availability, security, and performance.

Create a bucket

Every object in S3 is stored in a bucket. To upload files and folders to S3, you'll need to create a bucket where the objects will be stored.

Create bucket

Pricing

With S3, there are no minimum fees. You only pay for what you use. Prices are based on the location of your S3 bucket.

Estimate your monthly bill using the [AWS Simple Monthly Calculator](#)

[View pricing details](#)

How it works

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Introduction to Amazon S3

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Amazon S3 > Buckets > Create bucket

Create bucket

Buckets are containers for data stored in S3. [Learn more](#)

General configuration

AWS Region

Asia Pacific (Mumbai) ap-south-1

Bucket name

loginpages3project

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.

Choose bucket

Format: s3://bucket/prefix

Object Ownership

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

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Object Ownership

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

ACLs disabled (recommended)

All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

ACLs enabled

Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

We recommend disabling ACLs, unless you need to control access for each object individually or to have the object writer own the data they upload. Using a bucket policy instead of ACLs to share data with users outside of your account simplifies permissions management and auditing.

Object Ownership

Bucket owner preferred

If new objects written to this bucket specify the bucket-owner-full-control canned ACL, they are owned by the bucket owner. Otherwise, they are owned by the object writer.

Object writer

The object writer remains the object owner.

If you want to enforce object ownership for new objects only, your bucket policy must specify that the bucket-owner-full-control canned ACL is required for object uploads. [Learn more](#)

Block Public Access settings for this bucket

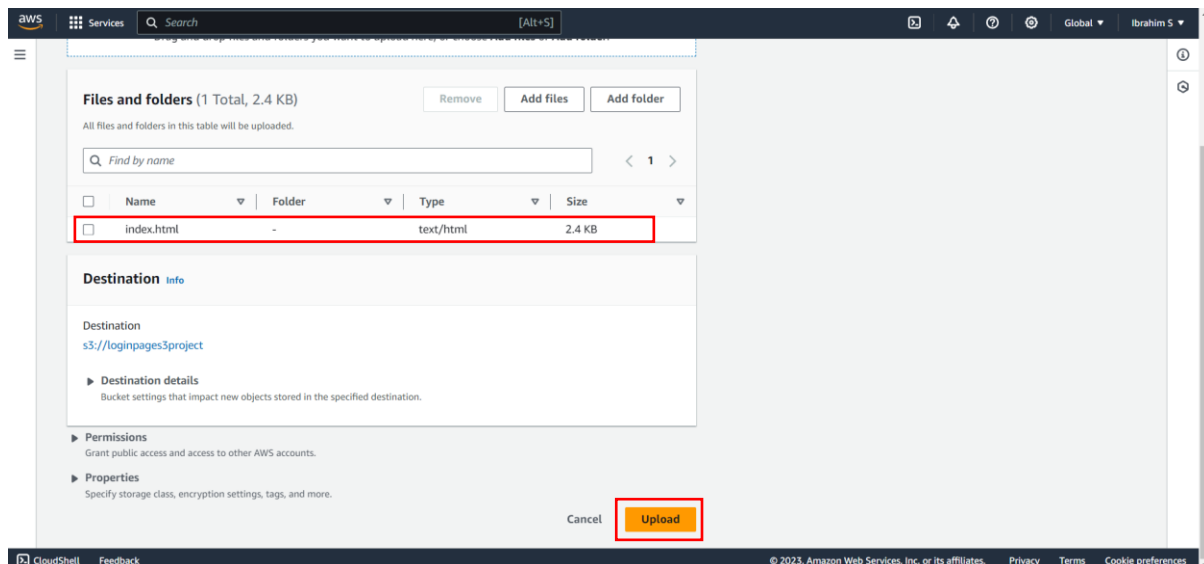
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3. Upload HTML and Image Files

1. Select your bucket.
2. Click on the "Upload" button.
3. Upload your HTML file (e.g., `index.html`) and any image files.
4. Ensure that your images are in the same folder as your HTML file.



4. Configure Bucket for Website Hosting

1. Go to the "Properties" tab.
2. Click on "Static website hosting."
3. Choose "Use this bucket to host a website."
4. Set the index document to your HTML file (e.g., `index.html`).
5. Optionally, set an error document.
6. Click "Save changes."

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Info

Objects Properties Permissions Metrics Management Access Points

Objects (1) Info

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](#)

Copy S3 URI

Copy URL

Download

Open

Delete

Actions

Create folder

Upload

Find objects by prefix

	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	index.html	html	December 28, 2023, 20:53:57 (UTC+05:30)	2.4 KB	Standard

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Object Lock

Store objects using a write-once-read-many (WORM) model to help you prevent objects from being deleted or overwritten for a fixed amount of time or indefinitely. Object Lock works only in versioned buckets. [Learn more](#)

Object Lock

Disabled

Requester pays

When enabled, the requester pays for requests and data transfer costs, and anonymous access to this bucket is disabled. [Learn more](#)

Requester pays

Disabled

Static website hosting

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting

Disabled

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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

Error document - optional

This is returned when an error occurs.

error.html

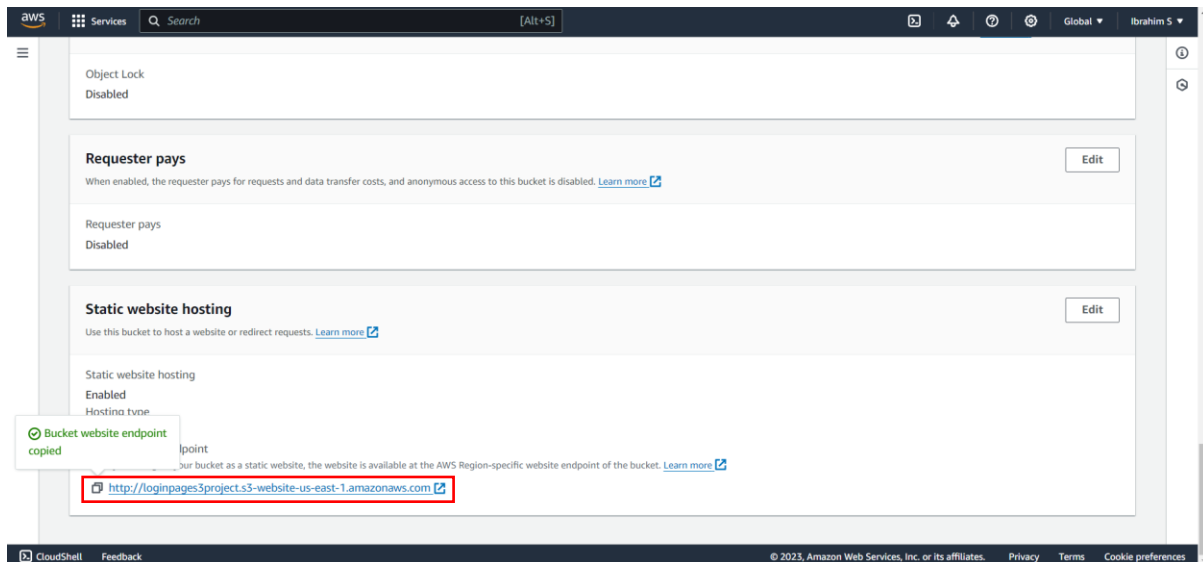
Redirection rules - optional

Redirection rules, written in JSON, automatically redirect webpage requests for specific content. [Learn more](#)

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5. Access Your Website

1. in the "Static website hosting" section, note the "Endpoint" URL.
 - It will look like: <http://loginpages3project.s3-website-us-east-1.amazonaws.com/?username=asd&password=asd>
2. Open this URL in a web browser to view your static website.

Login

Username:

Password:

Login