

HOSTING A STATIC WEBSITE ON S3

<https://ad-static-website-hosting-s3.s3.amazonaws.com/index.html>

1. Creating an S3 bucket

The screenshot shows the 'Create bucket' wizard in the AWS S3 console. The interface is dark-themed. At the top, the 'AWS Region' is set to 'US East (N. Virginia) us-east-1'. Under 'Bucket type', 'General purpose' is selected with a blue radio button, and 'Directory - New' is unselected. The 'General purpose' description states it's recommended for most use cases and allows a mix of storage classes. The 'Bucket name' field contains 'ad-static-website-hosting-s3'. Below this, a note says 'Bucket name must be unique within the global namespace and follow the bucket naming rules.' A 'Copy settings from existing bucket - optional' section has a 'Choose bucket' button. The 'Object Ownership' section has two options: 'ACLs disabled (recommended)' and 'ACLs enabled', with the latter selected. A yellow warning box at the bottom states: '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.'

aws Services Search [Alt+S]

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 - New**
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
ad-static-website-hosting-s3
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 Info
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.

2. Uploading code files on to the S3 bucket

The screenshot shows the 'Upload' dialog in the AWS S3 console. The dialog is dark-themed. At the top, it says 'Files and folders (5 Total, 432.1 KB)' and 'All files and folders in this table will be uploaded.' There are 'Remove', 'Add files', and 'Add folder' buttons. A search bar says 'Find by name'. Below is a table with 5 columns: Name, Folder, Type, and Size. The table lists five files: favicon.png (385.8 KB), index.html (951.0 B), loading_icon.gif (40.4 KB), script.js (3.5 KB), and styles.css (1.5 KB). Below the table, the 'Destination' section shows 's3://ad-static-website-hosting-s3'. There are expandable sections for 'Destination details', 'Permissions', and 'Properties'. At the bottom right, there are 'Cancel' and 'Upload' buttons.

aws Services Search [Alt+S]

Files and folders (5 Total, 432.1 KB)
All files and folders in this table will be uploaded.
Remove Add files Add folder

Find by name

	Name	Folder	Type	Size
<input type="checkbox"/>	favicon.png	-	image/png	385.8 KB
<input type="checkbox"/>	index.html	-	text/html	951.0 B
<input type="checkbox"/>	loading_icon.gif	-	image/gif	40.4 KB
<input type="checkbox"/>	script.js	-	application/x-javas...	3.5 KB
<input type="checkbox"/>	styles.css	-	text/css	1.5 KB

Destination Info
Destination
s3://ad-static-website-hosting-s3

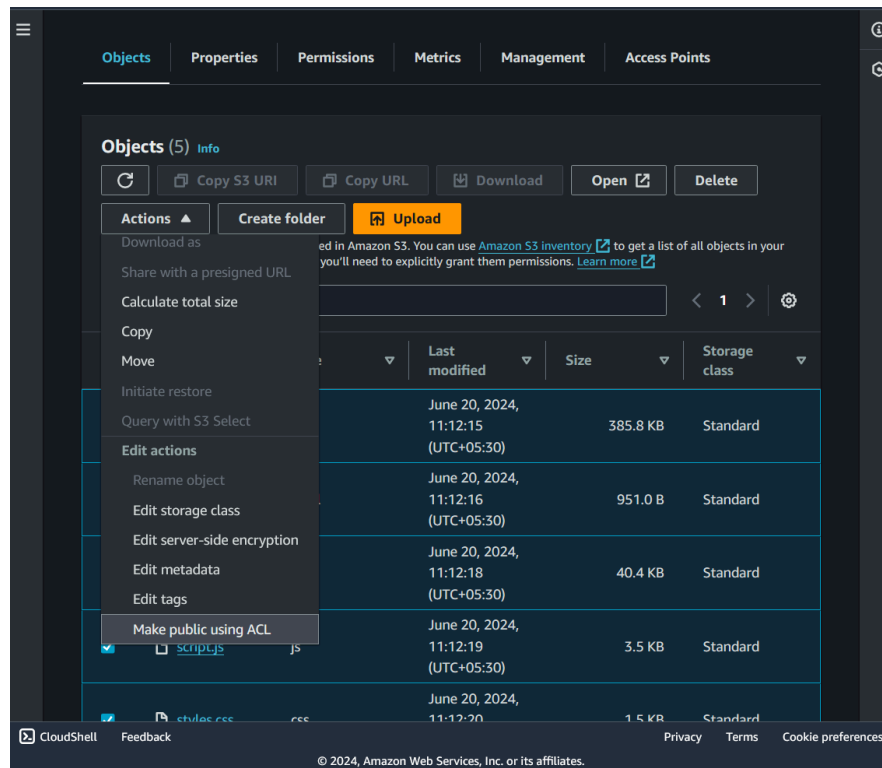
► **Destination details**
Bucket settings that impact new objects stored in the specified destination.

► **Permissions**
Grant public access and access to other AWS accounts.

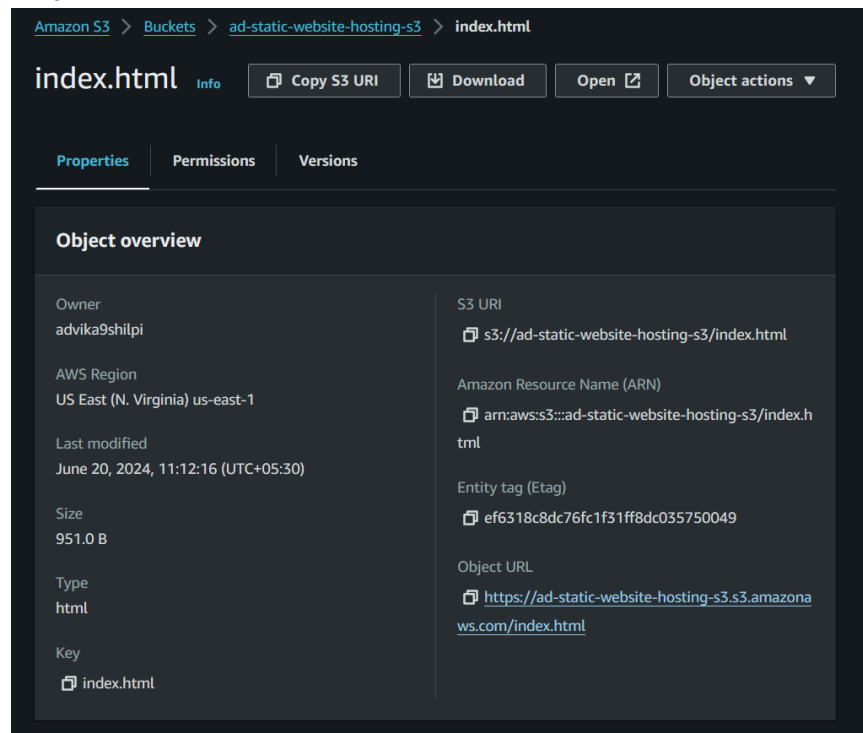
► **Properties**
Specify storage class, encryption settings, tags, and more.

Cancel Upload

3. Making the objects/code files uploaded *public*



4. Access the Object URL



The website is now hosted as an object present in the S3 bucket!