

Module 3 – Guided Lab: Hosting a Static Website

Amazon S3

Get hands-on guidance on how to get started with S3 Intelligent-Tiering and experience automatic storage cost savings. [View tutorial](#)

Amazon S3 > Buckets

Account snapshot
Storage lens provides visibility into storage usage and activity trends. [Learn more](#) [View Storage Lens dashboard](#)

Buckets (1) [Info](#) [Refresh](#) [Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)
Buckets are containers for data stored in S3. [Learn more](#)

Name	AWS Region	Access	Creation
c65590a127154212905325t1w55527806-generatedbucket-14rnjShoq8tje	US East (N. Virginia) us-east-1	Objects can be public	October

Bucket name

Bucket name must be globally unique and must not contain spaces or uppercase letters. [See rules for bucket naming](#)

AWS Region

Copy settings from existing bucket - optional
Only the bucket settings in the following configuration are copied.
[Choose bucket](#)

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.

ACL enabled

Block Public Access settings for this bucket

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.

Then create bucket

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Account snapshot [View Storage Lens dashboard](#)

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Buckets (2) [Info](#)

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

[Refresh](#) [Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

	Name	AWS Region	Access	
<input type="radio"/>	website-1666	US East (N. Virginia) us-east-1	Objects can be public	<input type="radio"/>
<input type="radio"/>	c65590a127154212905325t1w55527806-generatedbucket-14rnj5hoq8tje	US East (N. Virginia) us-east-1	Objects can be public	<input type="radio"/>

Go to properties

aws

Services

Search for services, features, blogs, docs, and more

[Alt+S]

Global

voclabs/user2211147-Nwe_Nwe_Htay_Win @ 5552-78

Amazon S3

Buckets

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

Access analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

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View tutorial

Amazon S3 > Buckets > website-1666

website-1666

Info

ObjectsPropertiesPermissionsMetricsManagementAccess Points

Bucket overview

AWS Region	Amazon Resource Name (ARN)	Creation date
US East (N. Virginia) us-east-1	arn:aws:s3:::website-1666	October 25, 2022, 12:01:55 (UTC+06:30)

Bucket Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every

Tags (0)

Edit

Track storage cost or other criteria by tagging your bucket. [Learn more](#)

Key	Value
No tags associated with this resource.	

Amazon S3 > Buckets > website-1666 > Edit bucket tagging

Edit bucket tagging

Info

Tags

Track storage cost or other criteria by tagging your bucket. [Learn more](#)

Key

Department

Value - optional

Marketing

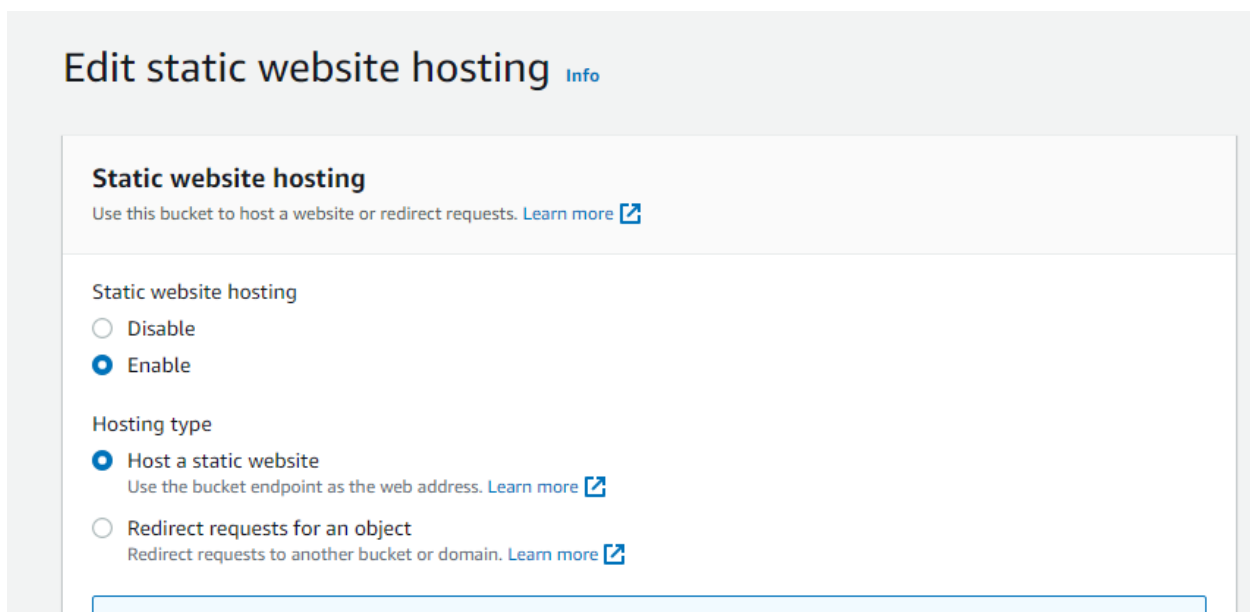
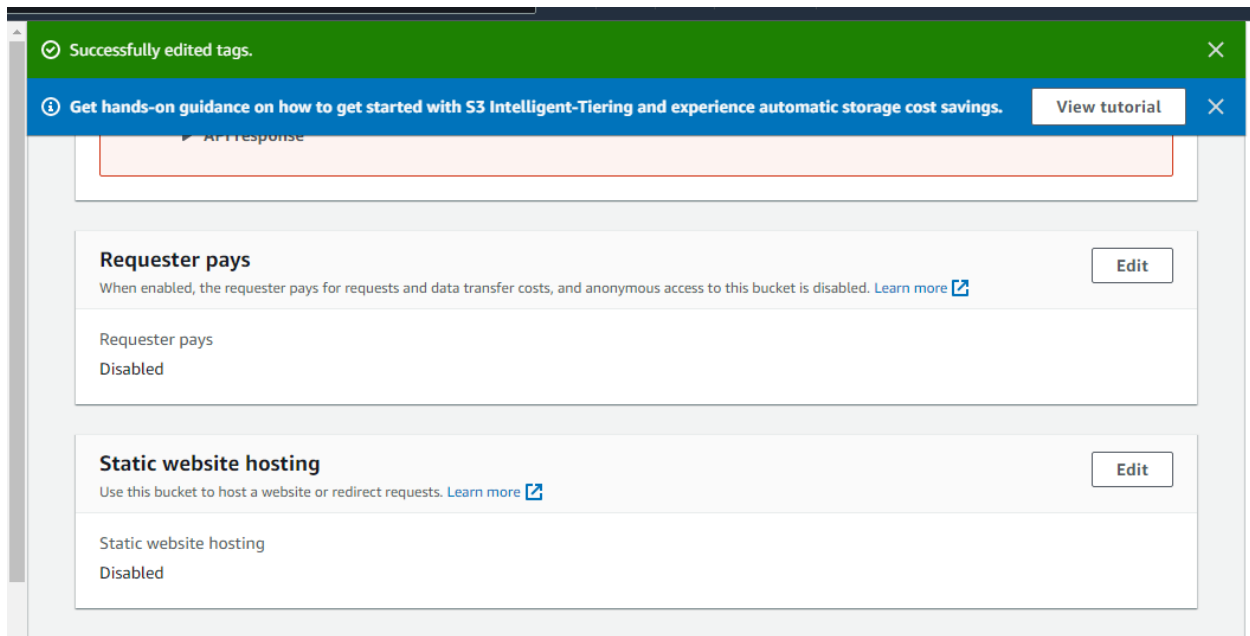
Remove

Add tag

Cancel

Save changes

In properties tab



Write Index.html , error.html

Static website hosting

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

Edit

Static website hosting

Enabled

Hosting type

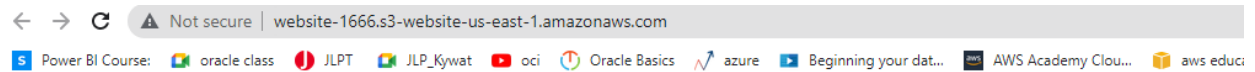
Bucket hosting

Bucket website endpoint

When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. [Learn more](#)

<http://website-1666.s3-website-us-east-1.amazonaws.com>

But didn't work yet



Upload files

The screenshot shows the AWS S3 console interface for a bucket named 'website-1666'. The 'Objects' tab is selected, showing a list of three files: 'index.html', 'script.js', and 'style.css'. A context menu is open over the 'Actions' column, with the 'Make public using ACL' option highlighted. The table lists the objects with their names, types, last modified dates, sizes, and storage classes.

	Name	Type	Last modified	Size	Storage class
<input checked="" type="checkbox"/>	index.html	html	October 25, 2022, 12:07:54 (UTC+06:30)	10.0 KB	Standard
<input checked="" type="checkbox"/>	script.js	js	October 25, 2022, 12:07:55 (UTC+06:30)	2.0 KB	Standard
<input checked="" type="checkbox"/>	style.css	css	October 25, 2022, 12:07:56 (UTC+06:30)	3.3 KB	Standard

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