

PROJECT 2

CREATE A STATIC WEBSITE USING AWS

DAMS

INTRO:

AWS provides a robust platform for hosting static websites with high availability, scalability, and security. Whether you're building a personal portfolio, a company website, or a simple landing page, AWS offers several services that make deploying and managing these sites straightforward and efficient.

In this presentation, we'll cover the essential steps to deploy a static website on AWS.

We'll explore:

- *Overview of Static Websites
- *AWS Services for Hosting Static Websites
- *Step-by-Step Deployment Process

ADVANTAGE

- Simplicity: Easy to develop and maintain.
- Speed: Fast loading times enhance user experience.
- Cost-effectiveness: Lower hosting costs compared to dynamic websites.
- Scalability: Can handle high traffic due to efficient caching and content delivery networks (CDNs).

STEP 1:

SING IN TO AWS CONSOLE

STEP 2:

create a bucket

Cancel

Create bucket

unselect the section of block
all public access

ACL should be enable strictly


☐ **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.

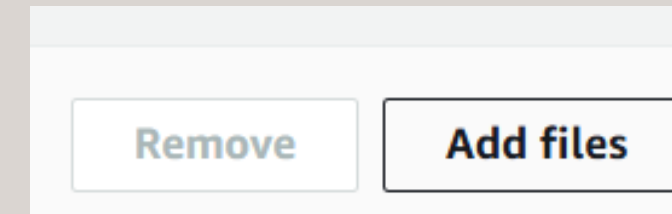
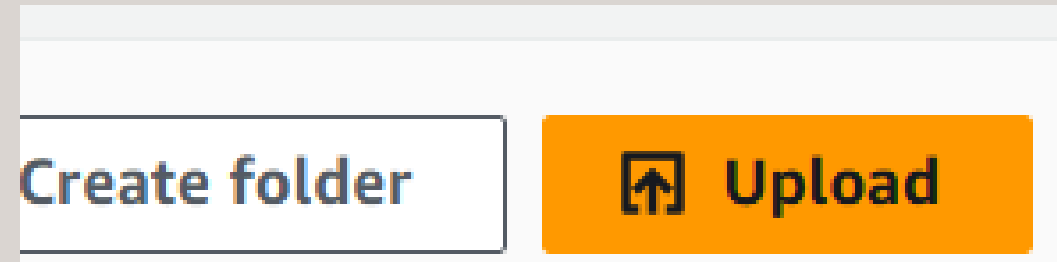
 **Turning off block all public access might result in this bucket and the objects within becoming public**
AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.

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

☒ **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.

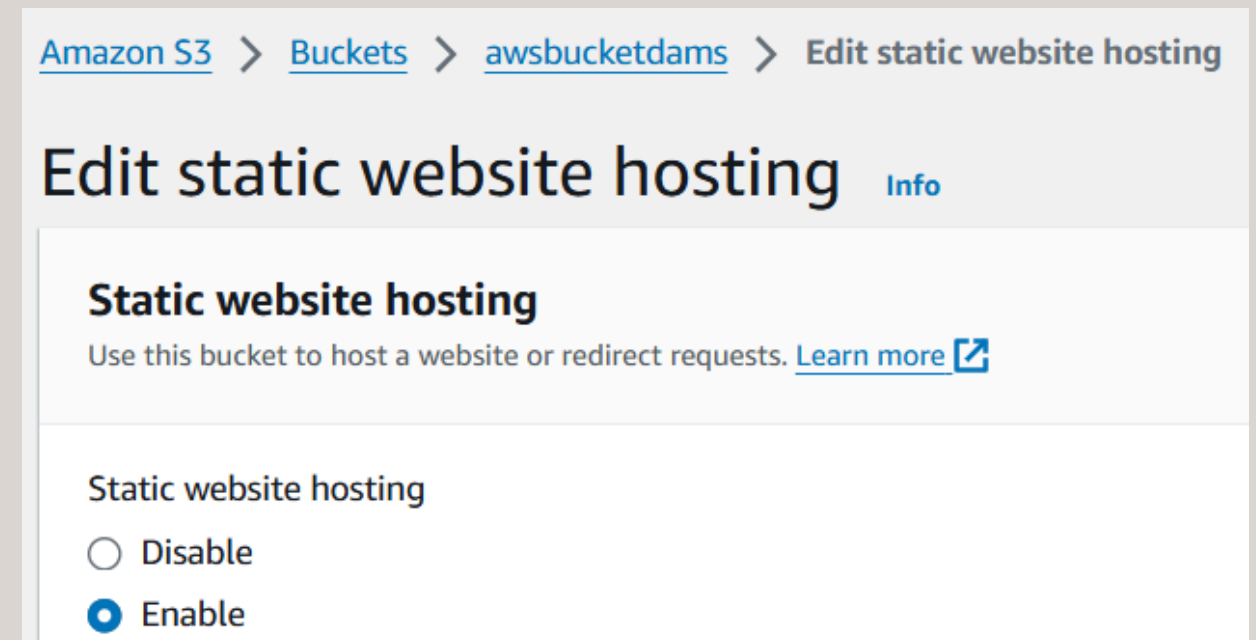
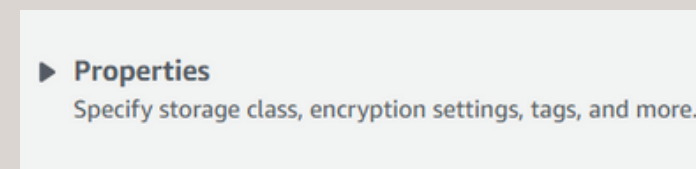
STEP 3:

upload the HTML file



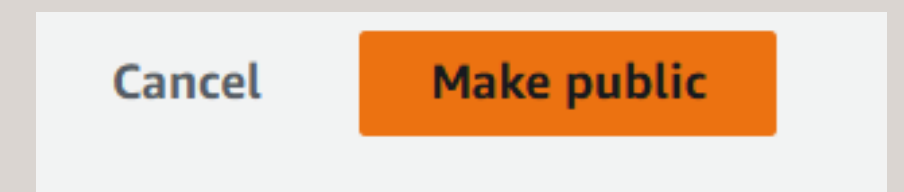
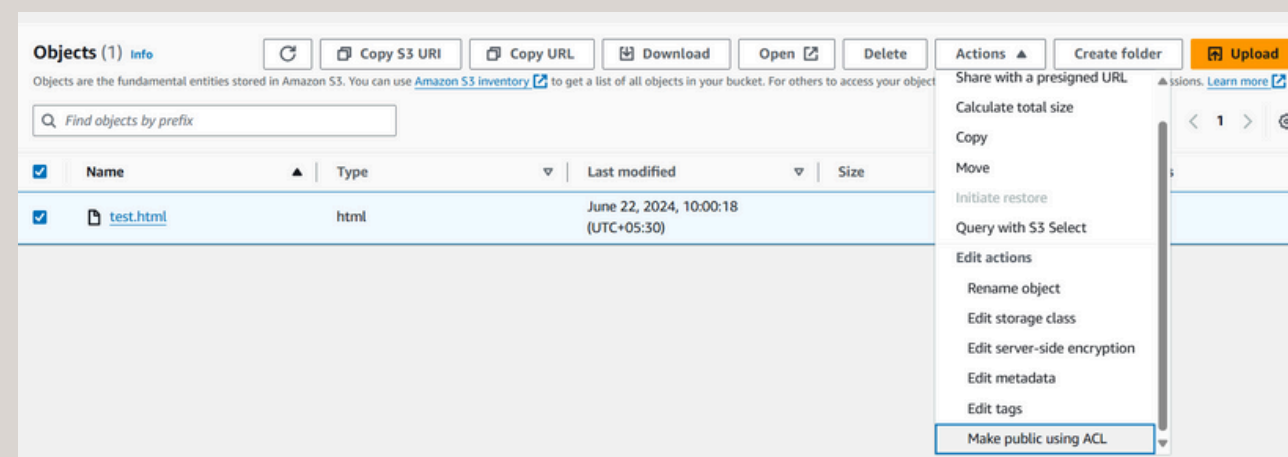
STEP 4:

click on properties and
enable static website hosting



STEP 5:

make your file public , go on
action then select MAKE
PUBLIC USING ACL then make
public



STEP 6:

CLICK ON YOUR URL

Static website hosting

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

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 endpoint.

 <http://awsbucketdams.s3-website.ap-south-1.amazonaws.com> 

 <http://awsbucketdams.s3-website.ap-south-1.amazonaws.com> 



Thank You

Presented by : Laxmi Pandey