Welcome
to
the presentation

PROJECT 2;

INTRODUCTION

•Title: Creating and Deploying a Static Website Using AWS Services

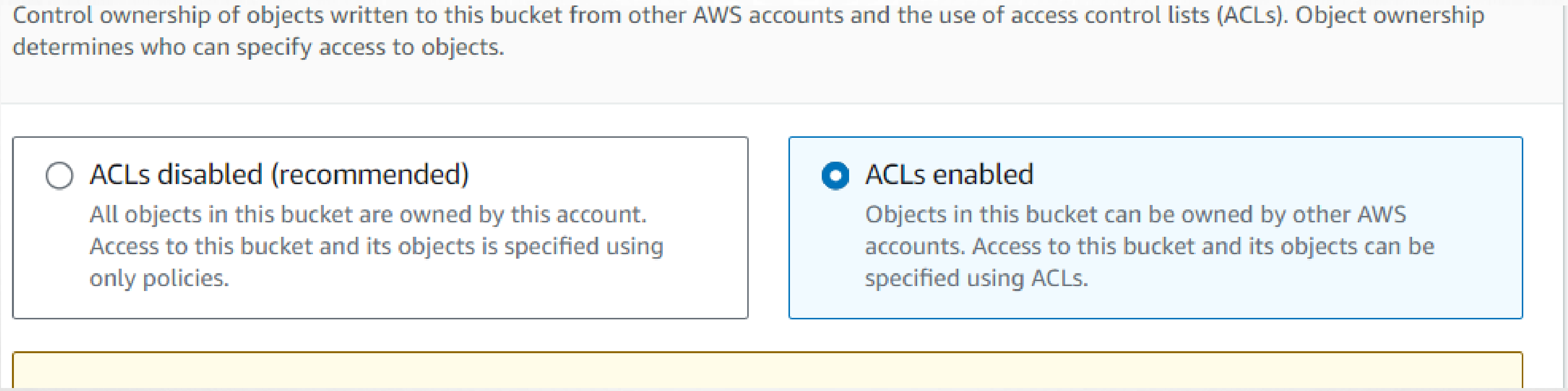
•Overview of what will be covered in the presentation

(AMAZON WEB SERVICES)

AWS (AMAZON WEB SERVICES) IS A LEADING CLOUD COMPUTING PLATFORM OFFERING SCALABLE SOLUTIONS FOR BUSINESSES WORLDWIDE. IT PROVIDES A WIDE RANGE OF SERVICES INCLUDING COMPUTING POWER, STORAGE, AND DEVELOPER TOOLS, ALL WITH ROBUST SECURITY AND GLOBAL AVAILABILITY. AWS ENABLES ORGANIZATIONS TO INNOVATE, SCALE, AND MANAGE THEIR IT INFRASTRUCTURE EFFICIENTLY IN THE CLOUD.

STEP 3;

Enable ACLs



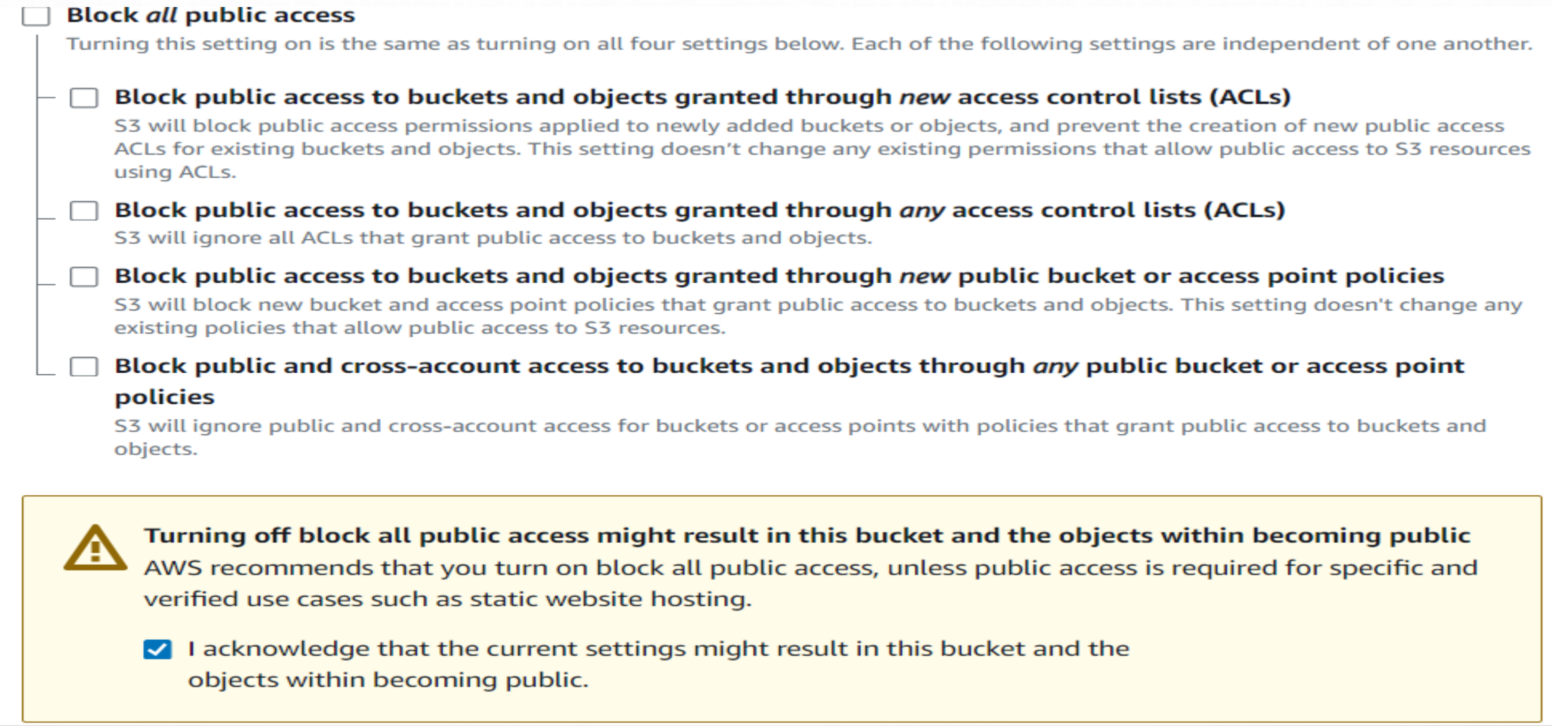
Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

○ 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.

STEP 4;

Then block an all public access ;



□ **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.

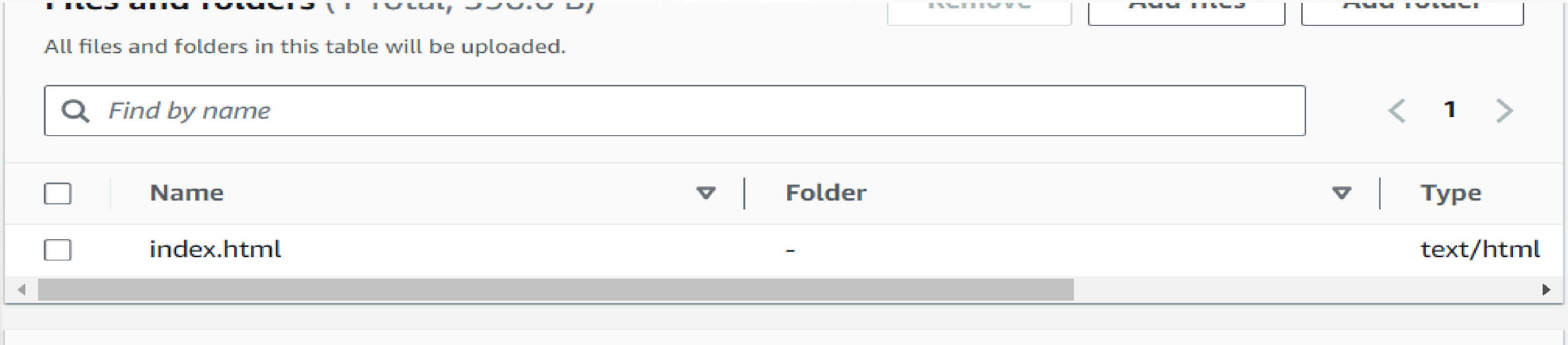
☑ I acknowledge that the current settings might result in this bucket and the objects within becoming public.

STEP 5;

Leave other setting as default

STEP 6;

Once your bucket is created , then upload html text document

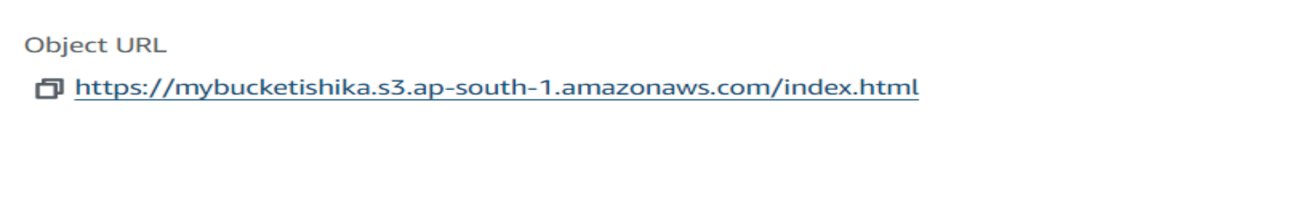


All files and folders in this table will be uploaded.

□	Name	Folder	Type
□	index.html	-	text/html

STEP 7;

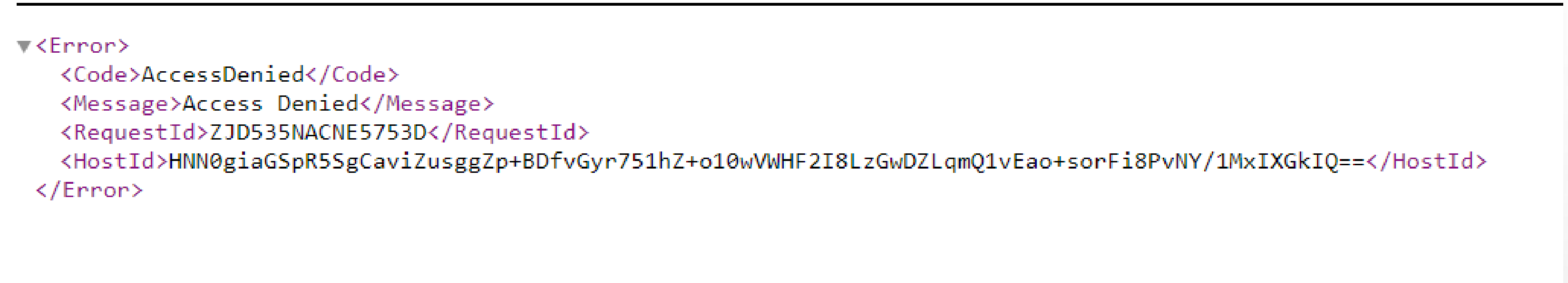
When document is uploaded , then move to properties and touch URL link.



Object URL

https://mybucketishika.s3.ap-south-1.amazonaws.com/index.html

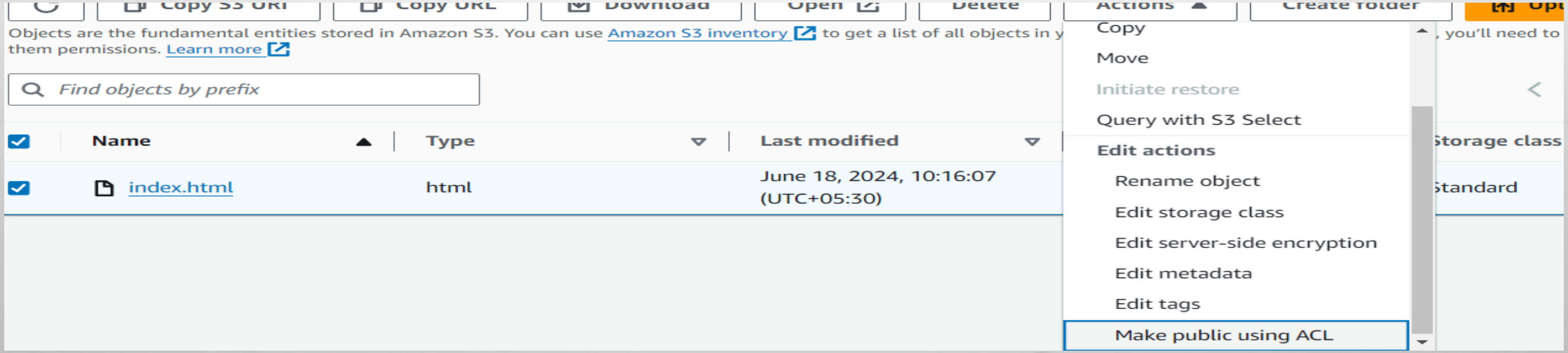
After opening URL we get error in this page



```
▼<Error>
   <Code>AccessDenied</Code>
   <Message>Access Denied</Message>
   <RequestId>ZJD535NACNE5753D</RequestId>
   <HostId>HNN0giaGSpR5SgCaviZusggZp+BDfvGyr751hZ+o10wVWHF2I8LzGwDZLqmQ1vEao+sorFi8PvNY/1MxIXGkIQ==</HostId>
 </Error>
```

STEP 8;

Then go back to uploaded file , select make all public access under action

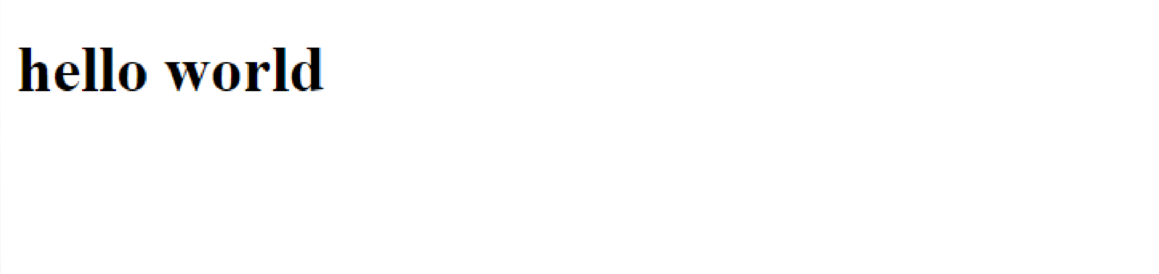


Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory to get a list of all objects in y , you'll need to them permissions. Learn more

☑	Name	Type	Last modified	Storage class
☑	index.html	html	June 18, 2024, 10:16:07 (UTC+05:30)	Standard

STEP 9;

Then move back again to uploaded file , and open URL link .
After opening URL link we get our output



hello world

THANKYOU

SUBMITTED BY

ISHIKA SHUKLA