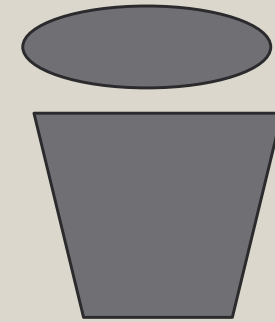


PRESENTATION....

**CREATION OF STATIC
WEBSITE**

Here we need to create

- A Bucket
- A text document file



S3 BUCKETS....



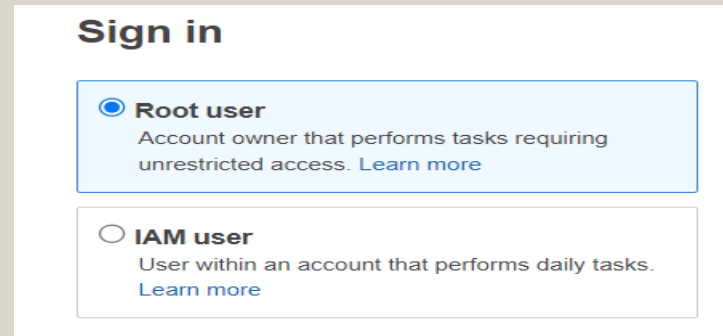
S3 Bucket

A bucket is a container for objects stored in Amazon S3. You can store any number of objects in a bucket and can have up to 100 buckets in your account. To request an increase, visit the Service Quotas console . Every object is contained in a bucket. For example, if the object named photos/puppy.jpg is stored in the DOC-EXAMPLE-BUCKET bucket in the US West (Oregon) Region, then it is addressable by using the URL <https://DOC-EXAMPLE-BUCKET.s3.us-west-2.amazonaws.com/photos/puppy.jpg>. For more information, see [Accessing a Bucket](#) . When you create a bucket, you enter a bucket name and choose the AWS Region where the bucket will reside. After you create a bucket, you cannot change the name of the bucket or its Region. Bucket names must follow the bucket naming rules. You can also configure a bucket to use S3 Versioning or other storage management features.

TO CREATE A HTML STATIC WEBSITE AND DEPLOY IT USING AWS SERVICES

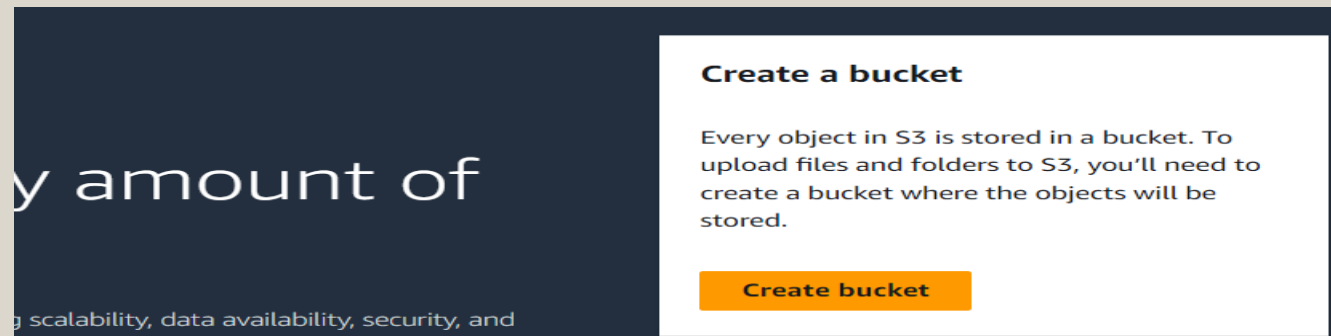
WE NEED TO FOLLOW FOLLOWING STEPS:-

STEP 1:- Login to your aws root account.



STEP 2:- On console home page , search S3 .


STEP 3:- Click on S3



STEP 4:- NOW , we enter bucket name

AWS Region
Asia Pacific (Mumbai) ap-south-1

Bucket name [Info](#)

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

As example; bucket1234

STEP 5:- Now click ACLs enable

☐ 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 6:-Now turn off , all block public services


☐ **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 7:-Leave other settings as default , and click on create bucket given below.

Cancel

Create bucket

STEP 8:- Now our bucket is created

Buckets are containers for data stored in S3.

< 1 > ⚙

	Name ▾	AWS Region ▲	IAM Access Analyzer	Creation date ▾
<input type="radio"/>	kamakshibucket	Asia Pacific (Mumbai) ap-south-1	View analyzer for ap-south-1	June 17, 2024, 13:55:01 (UTC+05:30)

STEP 9:-Click on the bucket name , here we get upload option click on that.

STEP 10:-Then go to add files , here add text document that we have created on notepad

Files and folders (1 Total, 397.0 B)

Remove

Add files

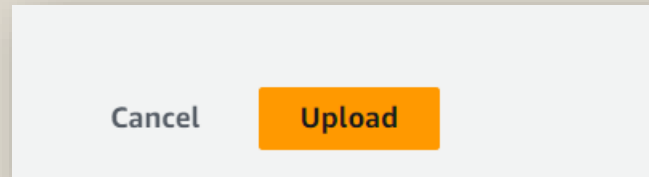
Add folder

All files and folders in this table will be uploaded.

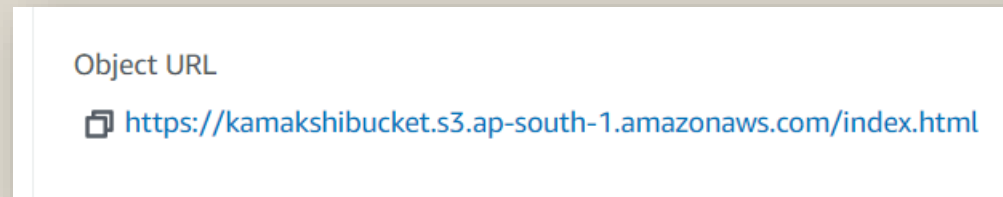
< 1 >

<input type="checkbox"/>	Name ▾	Folder ▾	Type
<input type="checkbox"/>	index.html1.txt	-	text/plain

STEP 11:- click on upload



STEP 12:-THEN click on URL link , given below properties

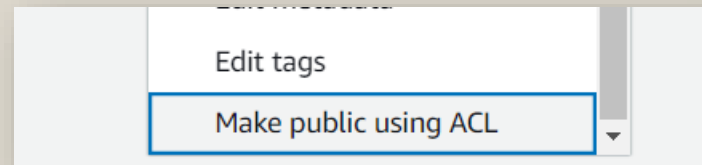


IN this page we get error

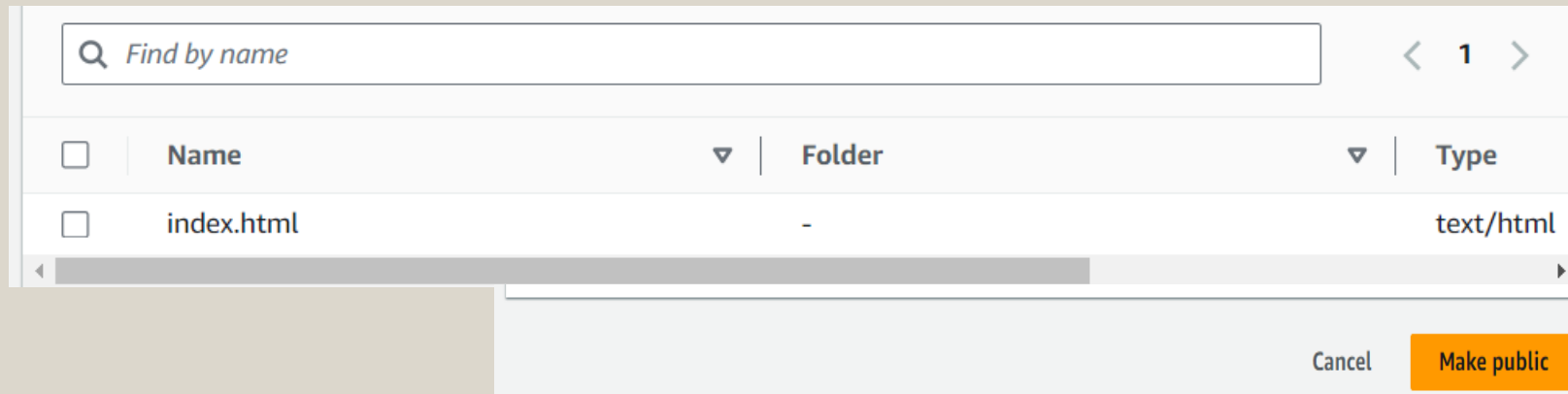
This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Error>
  <Code>AccessDenied</Code>
  <Message>Access Denied</Message>
  <RequestId>Z1PHFE6JAZHGN6W6</RequestId>
  <HostId>x3lfX3oW1rb4DbSW843czKa80KGyKTwxvrXv/AKl7yhkTSVBcEme9tX4TzxXUxHh+n0gD0irhPlRZiXcene8DA==</HostId>
</Error>
```

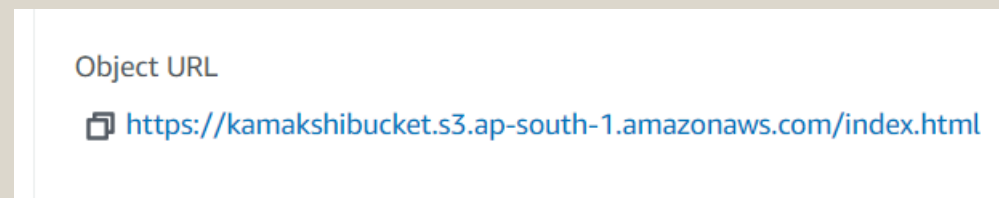
STEP 13:- now go to your uploaded file under s3 bucket , select it , then go to actions and select make public using ACL.



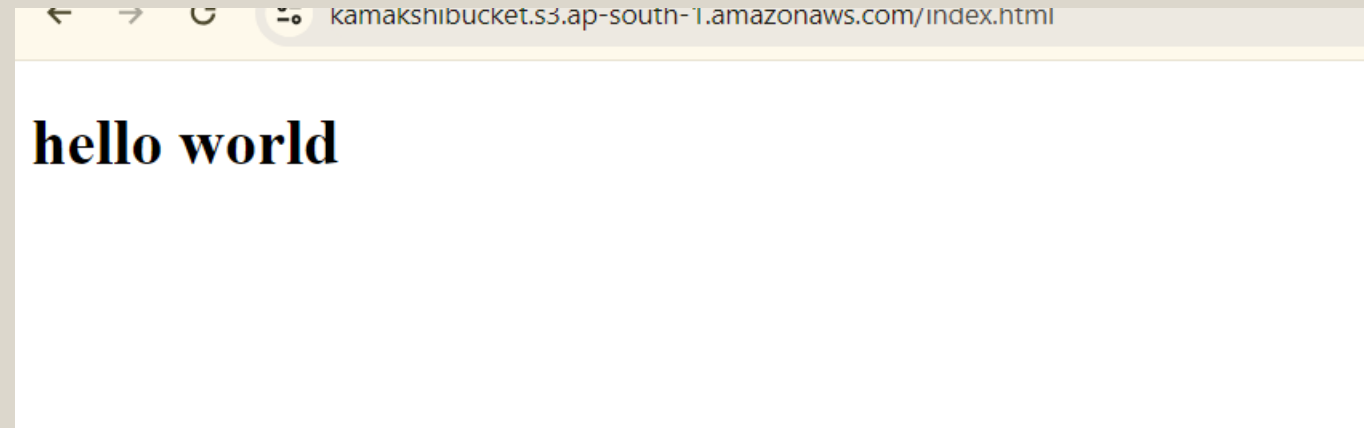
STEP 14:-Click on make public



STEP 15:- Now go back to your file , then under properties click on URL link



STEP 16 :- After opening URL link we get our final output



Thank You

BY

Kamakshi Srivastava