

PROJECT-2

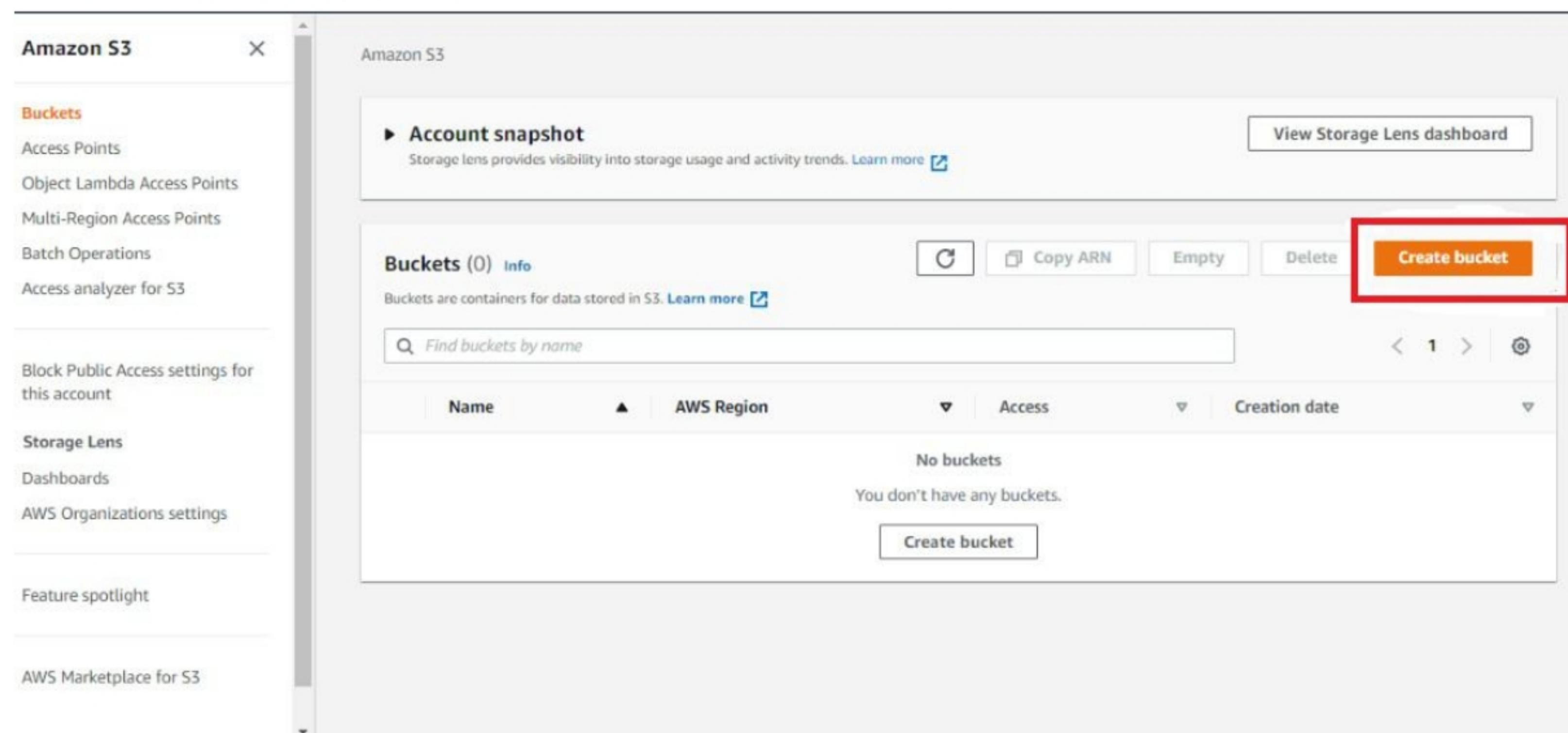
Deploy a static website on AWS

Step 1: Creating a Bucket

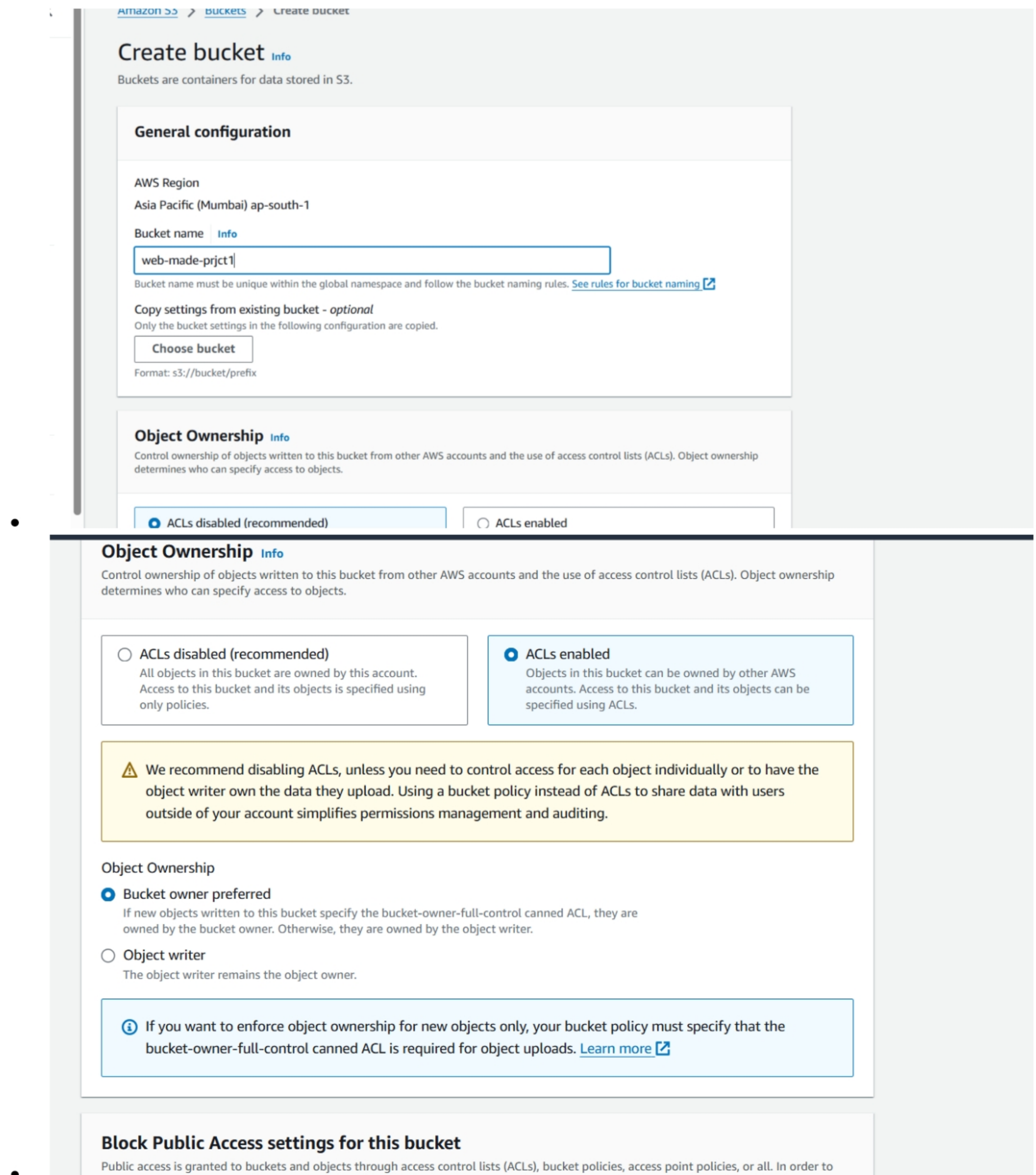
First, we have to launch our S3 instance. Follow these steps for creating a Bucket

Open the Amazon S3 console by logging into the AWS Management Console at <https://console.aws.amazon.com/s3/>.

Click on **Create Bucket**.

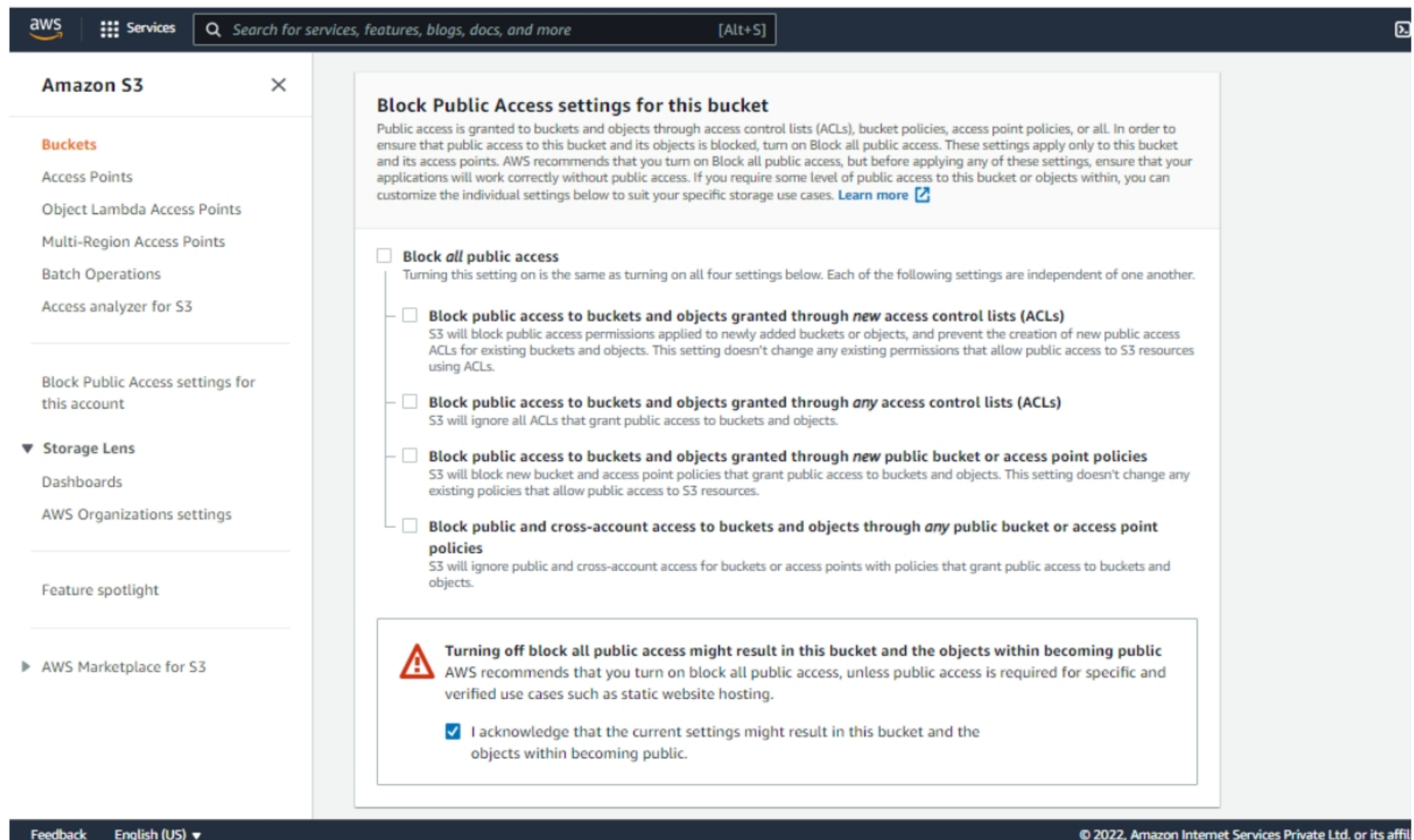


- Choose **Bucket Name** – Bucket Name Should be Unique
- **AWS Region** – Choose a region close to you or the region where you want to create the bucket (Example – Mumbai)
- **Object Ownership** – Enable for making Public, Otherwise disable

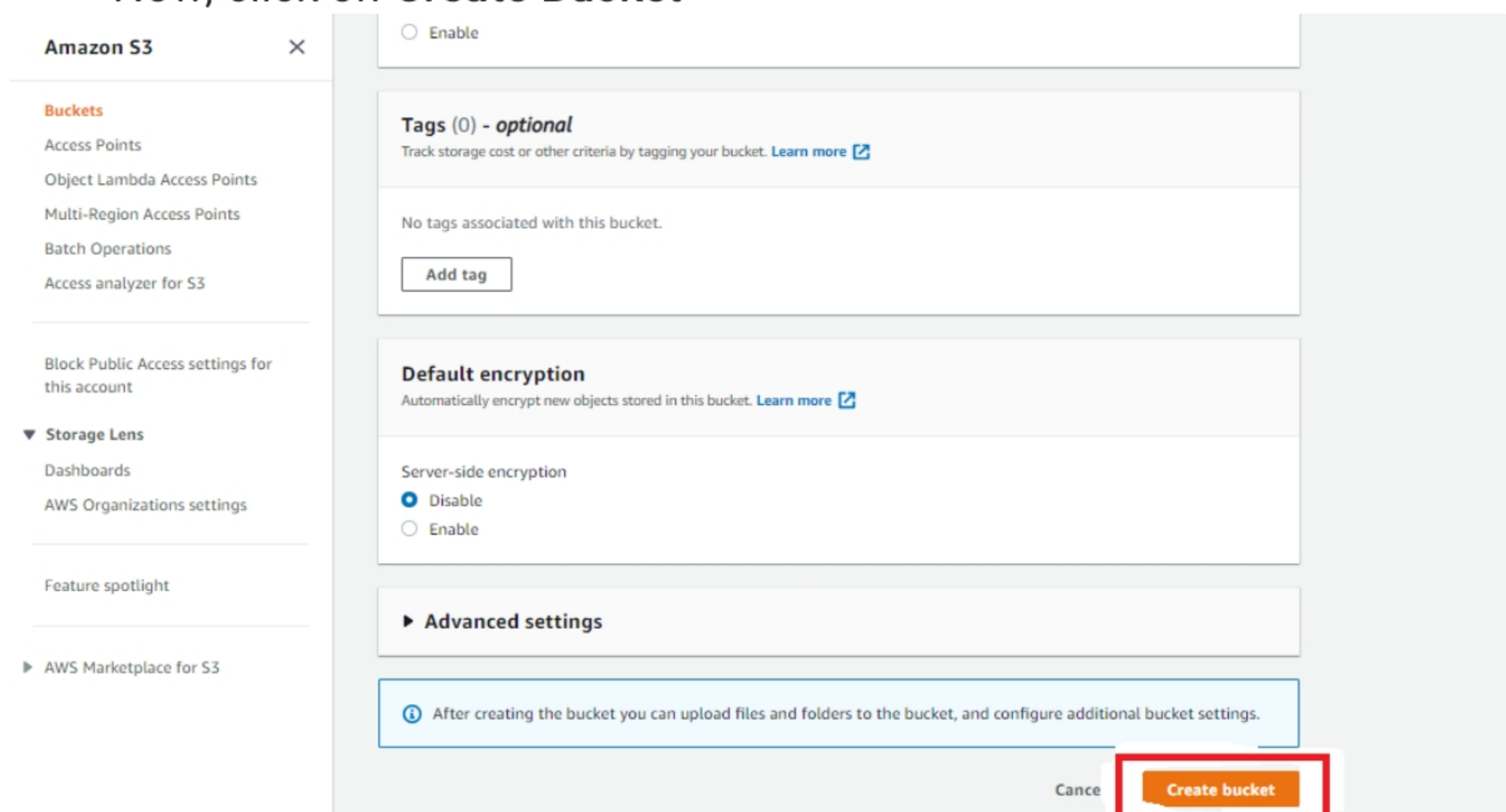


Step 2: Block Public Access settings for the bucket

Uncheck (Block all public access) for the public, otherwise set default.
If you uncheck (Block all public keys).

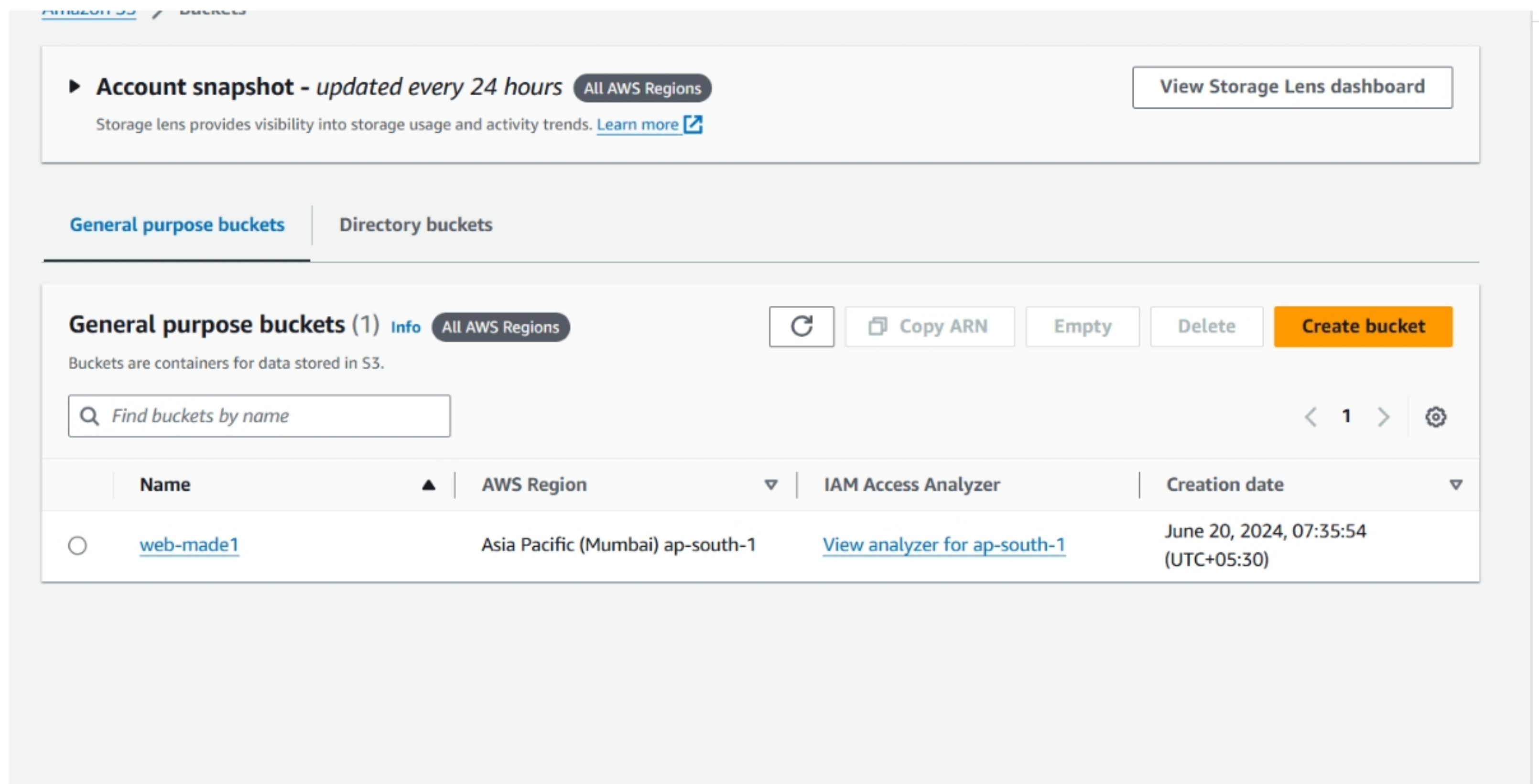


- **Bucket Versioning:-** You have to do Nothing (Disable)
 - **Tags(0) :** Optional
 - **Default encryption:** Disable
- Now, click on **Create Bucket**

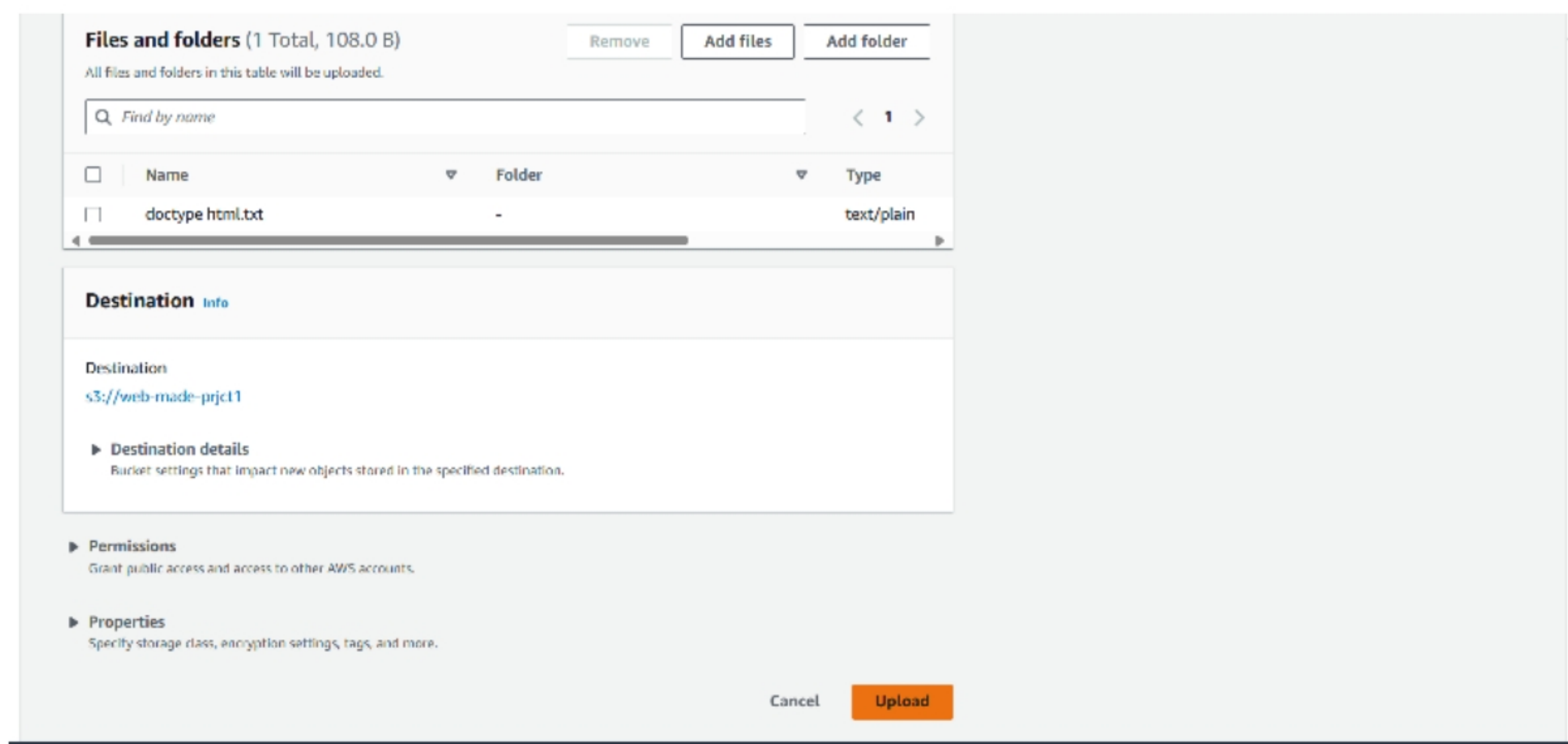


Step 3: Now upload code files

- **Select Bucket and Click your Bucket Name.**



Now, click on upload (then click add File/folder) and select your **HTML code** file from your PC/Laptop.




. After uploading, click on **Close**.

Step 4: Once the Files are uploaded successfully, click on **Permissions** and now follow this Process –

. **Block public access:**

- . Click on **Edit**, under **Bucket Policy**.
- . **Uncheck Block all public access**.

. Save changes then type “confirm”.

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 all your S3 buckets and 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 your buckets 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.

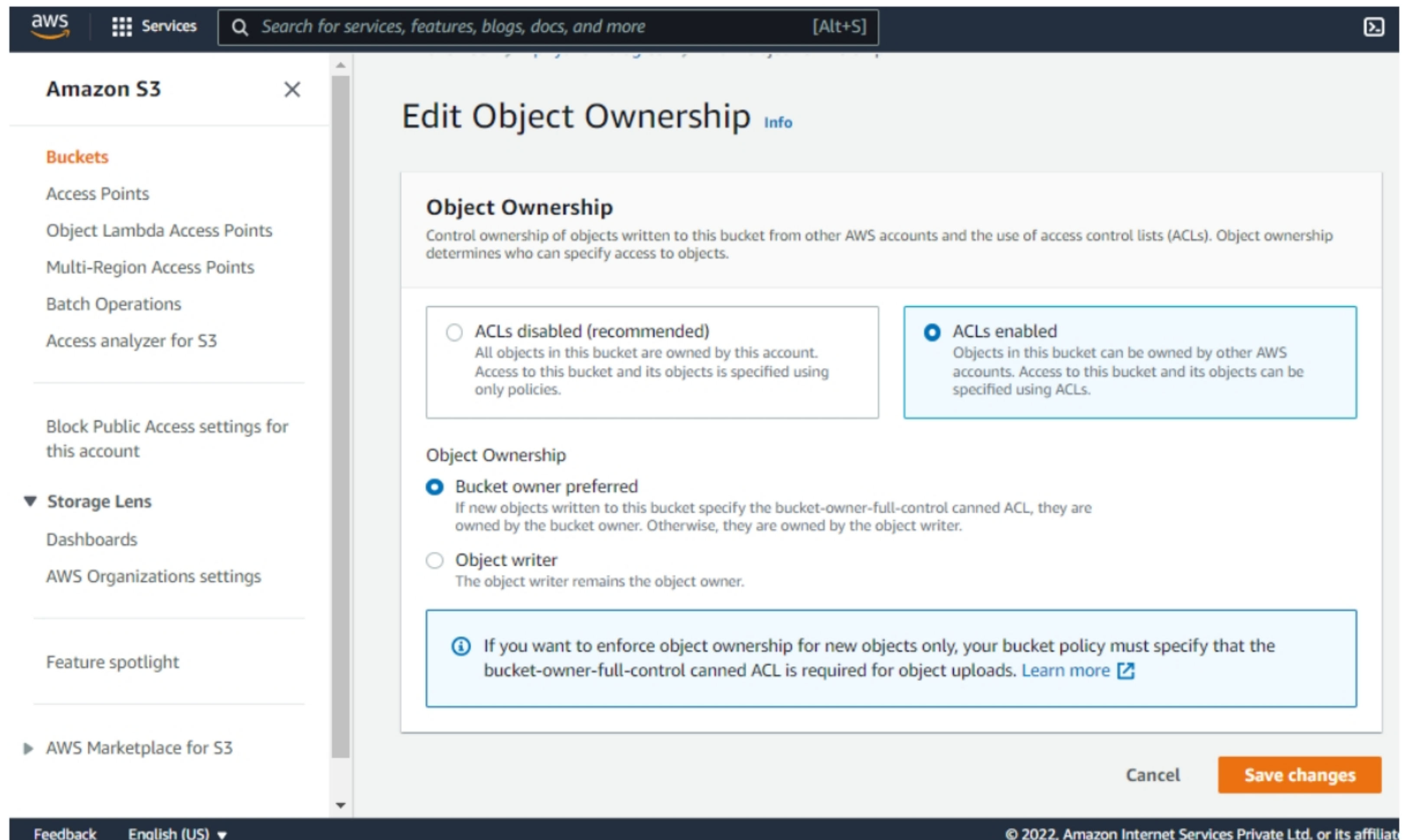
☐ **Block public access to buckets and objects granted through *any* access control lists (ACLs)**
S3 will ignore all ACLs that grant public access to buckets and objects.

☐ **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.

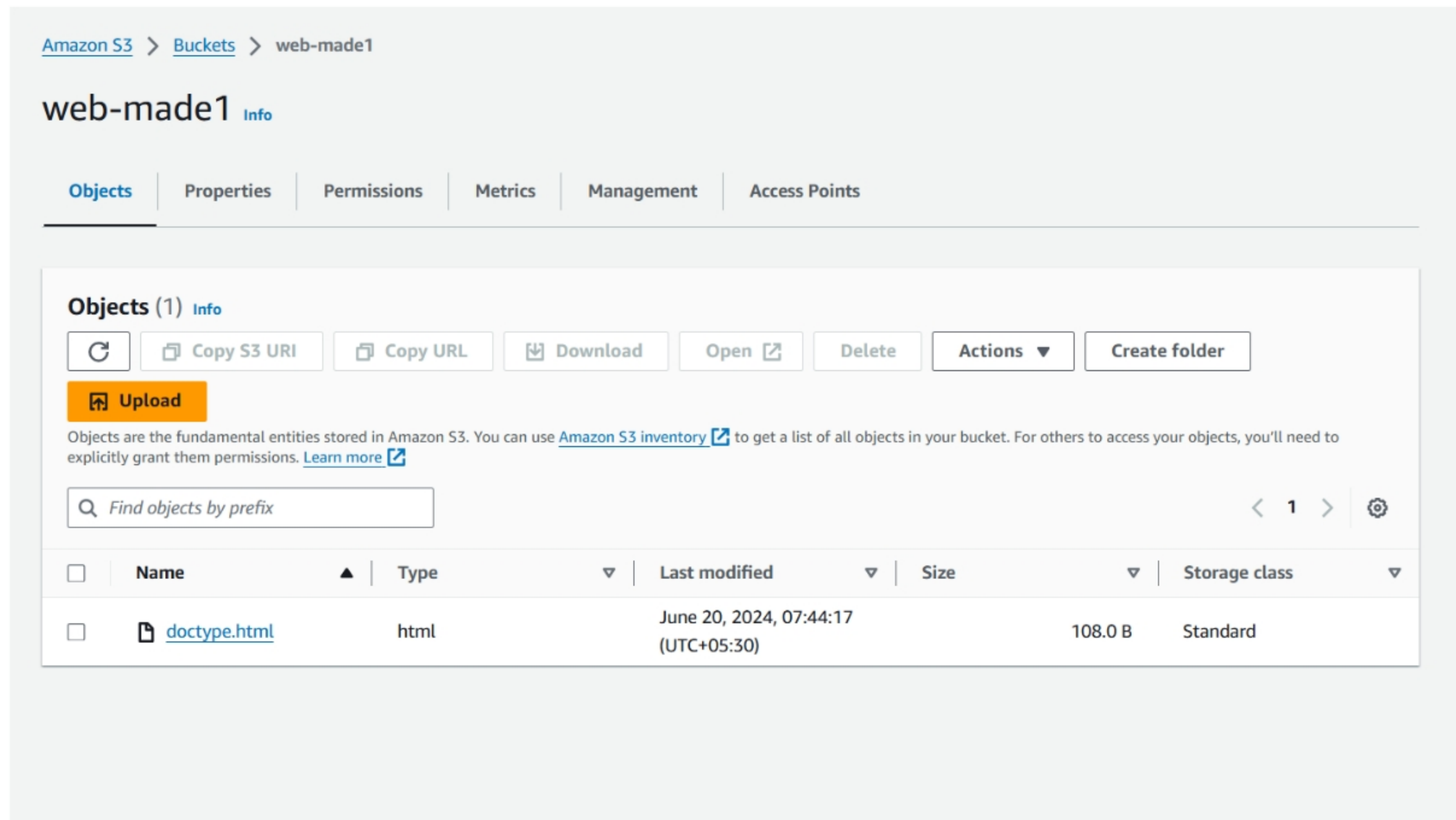
Cancel **Save changes**

- Object Ownership:
 - Click on **Edit**.
 - Click on **ACLs Enabled**.
 - **Check** I acknowledge restored.
 - Choose **Save Changes**.



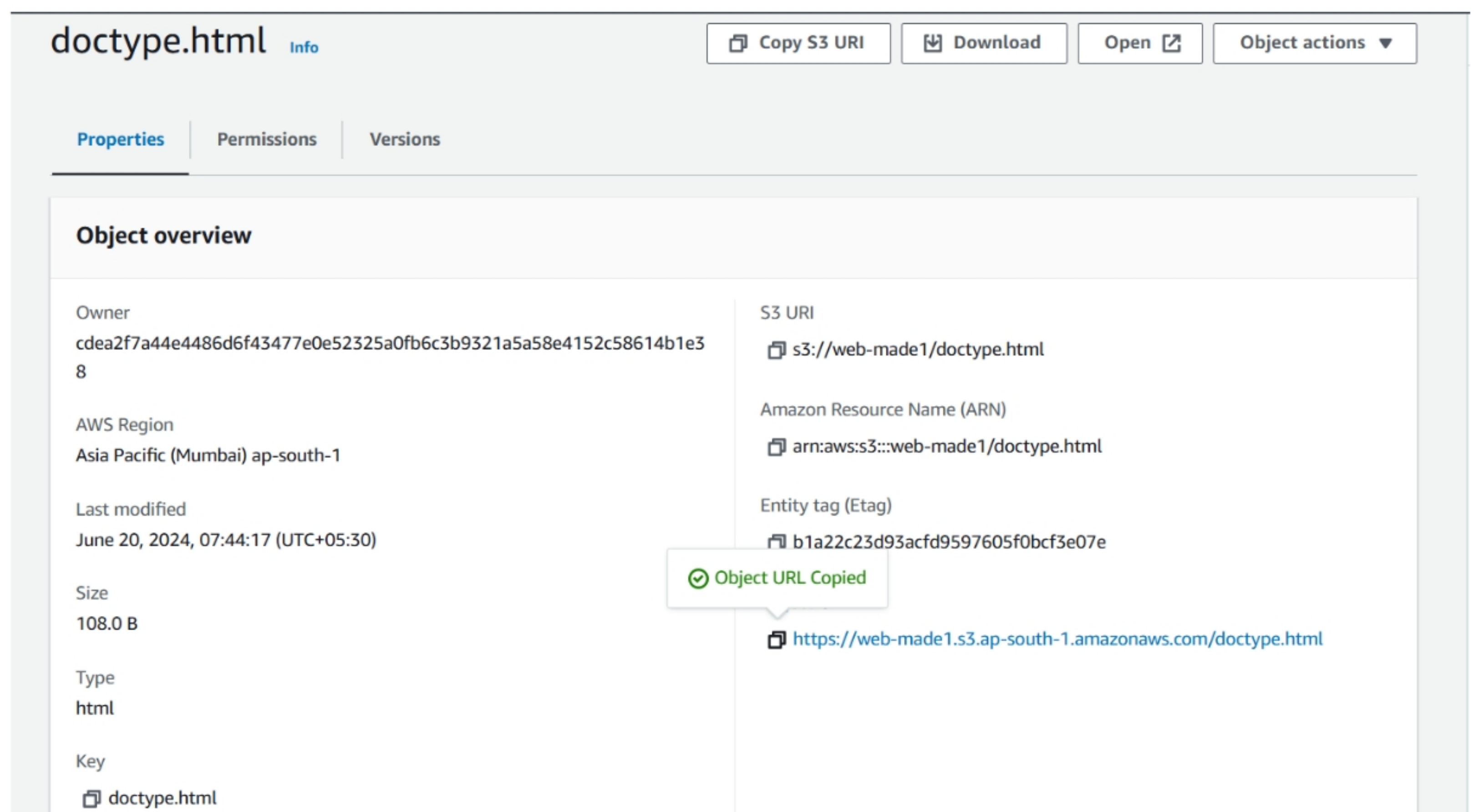
Step 5:- Make public Object

- Now, Click on **Objects**.
- Select your **All Objects**.
- Now, Click on **Actions**.
- Select **Make Public Using ACL**.
- Now, Click on **Make Public** and **Close**.



Step 6: Copy your Object URL

- Now, click on your **HTML File Object Name**.
- Copy the **Object URL**.



Step 7: Check out your Website!

- Directly Paste this URL into the Other Tab or your other System.
- **Congratulation**, Now Your Website is available in the Public.

- **You Successfully Host Your Website by AWS S3.to**