

HOSTING A STATIC WEBSITE WITH AMAZON S3

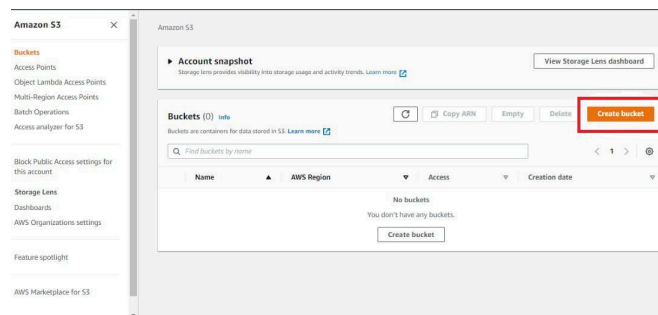
Hosting any website is at times a little complex job , having to manage and configure it all. But with AWS , We can easily host our static website using **S3, a simple storage system** by AWS.

Here is a brief tutorial of hosting a static website using S3 on AWS.

STEPS TO FOLLOW :

A. CREATING A BUCKET :

1. Login to the **AWS Management Console** , and go to **S3** by using the search bar.
2. Once on S3, click on **Create bucket** as shown.

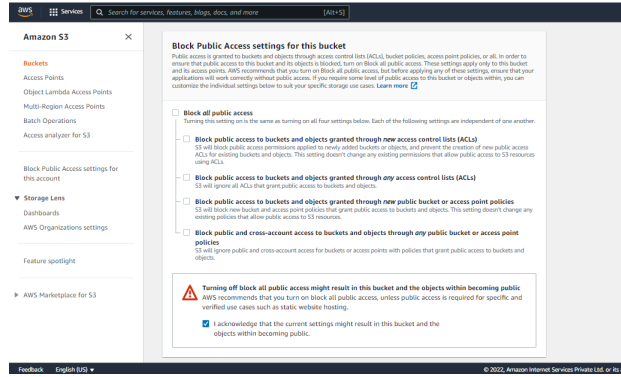


3. Choose the following configurations :

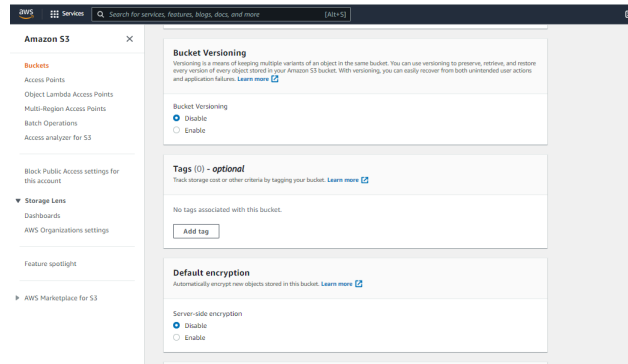
- **Bucket Name:** Choose a unique bucket name.
- **AWS Region:** Select the region you want to create a bucket in.
- **Object ownership** : ACLs enabled.

A screenshot of the 'Create bucket' configuration page. It shows a 'Bucket name' field with 'priyansh-blog-s3' entered. Below it is the 'AWS Region' dropdown set to 'Asia Pacific (Mumbai) ap-south-1'. There is a 'Copy settings from existing bucket - optional' section with a 'Choose bucket' button. The 'Object Ownership' section has two radio buttons: 'ACLs disabled (recommended)' and 'ACLs enabled'. The 'ACLs enabled' option is selected. Below this, the 'Object Ownership' section has two radio buttons: 'Bucket owner preferred' and 'Object writer'. The 'Bucket owner preferred' option is selected.

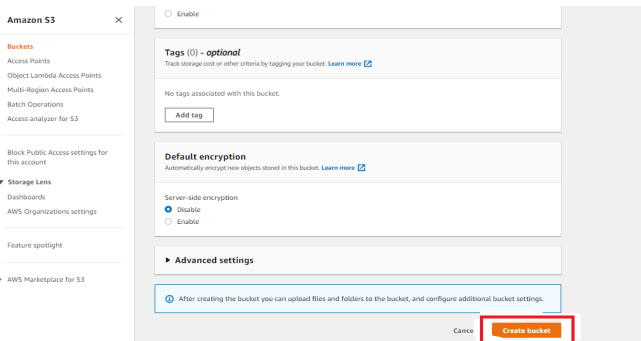
- Uncheck **Block all public access**.



- **Bucket Versioning: Disable**
- **Default encryption: Disable**

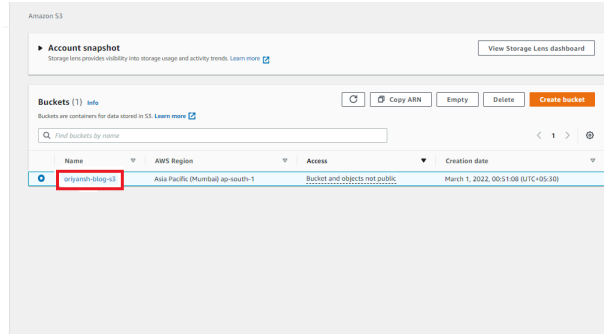


4. Click on **Create bucket.**

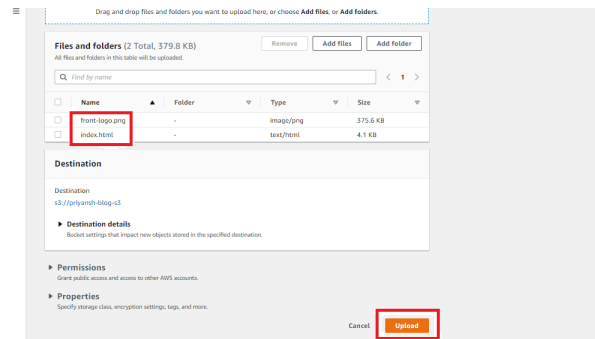


B. UPLOAD FILES IN THE BUCKET

5. Select and click on your **Bucket Name.**

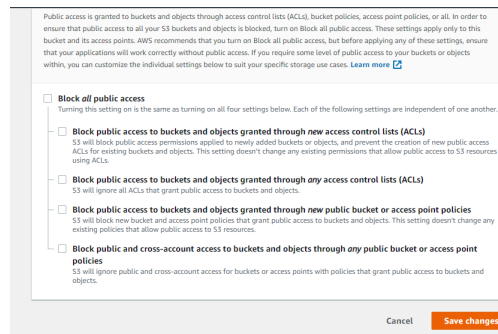


6. Click on upload and add the **HTML** code files for the website.

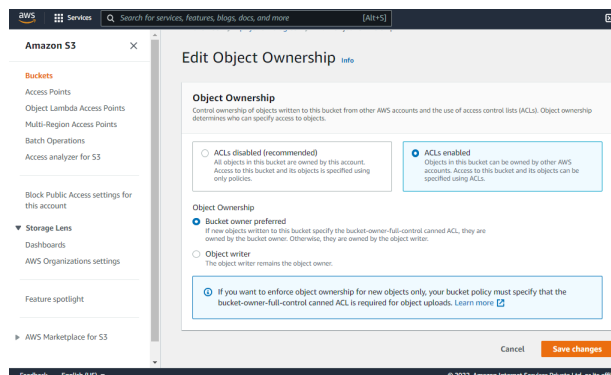


7. Once objects are successfully uploaded, we need to give certain permissions for the bucket to access. For that, click on **Permissions** and configure as follows:

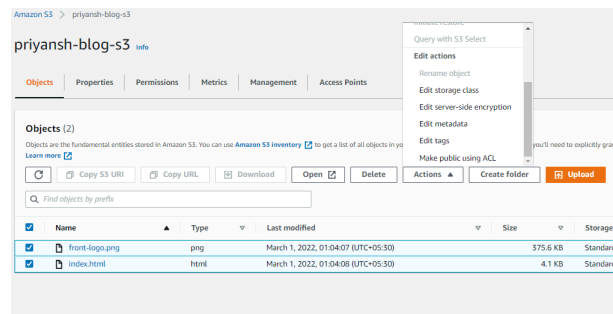
- **Bucket policy** : edit bucket policy and uncheck **Block all public access**. Save the changes and confirm.



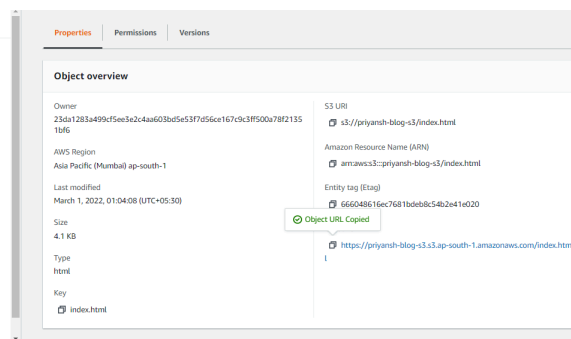
- **Object ownership**: ACLs enabled.



- **Make bucket objects public** by selecting all objects in the bucket and choosing **Actions > Make public using ACLs**.



8. Now that we're ready , just select your bucket and copy its URL under the **Properties** tab.



9. Now , you can check your website by pasting the copied URL in another tab !!

There you have it !! You now are able to host your own static website, thanks to AWS !!