

LAUNCH A STATIC WEBSITE ON AWS S3

Step 1: Create a bucket

- Give the name of the bucket (name should be unique)
- Select region (with low latency)
- Enable Block Public Access
- Create the bucket

The screenshot shows the 'Create bucket' page in the AWS Management Console. The breadcrumb navigation is 'Amazon S3 > Buckets > Create bucket'. The page title is 'Create bucket' with an 'Info' link. Below the title, it states 'Buckets are containers for data stored in S3.' The 'General configuration' section contains the following fields:

- AWS Region:** A dropdown menu showing 'Asia Pacific (Mumbai) ap-south-1'.
- Bucket name:** A text input field containing 'bts'. Below the field, a note states: '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:** A section with the text 'Only the bucket settings in the following configuration are copied.' and a 'Choose bucket' button. Below this, the format 'Format: s3://bucket/prefix' is shown.

The footer of the console shows 'CloudShell', 'Feedback', and copyright information for Amazon Web Services, Inc. or its affiliates.

The screenshot shows the 'Block Public Access settings for this bucket' page in the AWS Management Console. The breadcrumb navigation is 'Amazon S3 > Buckets > Create bucket'. The page title is 'Block Public Access settings for this bucket'. Below the title, it states: '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 this bucket and its 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 this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)'.

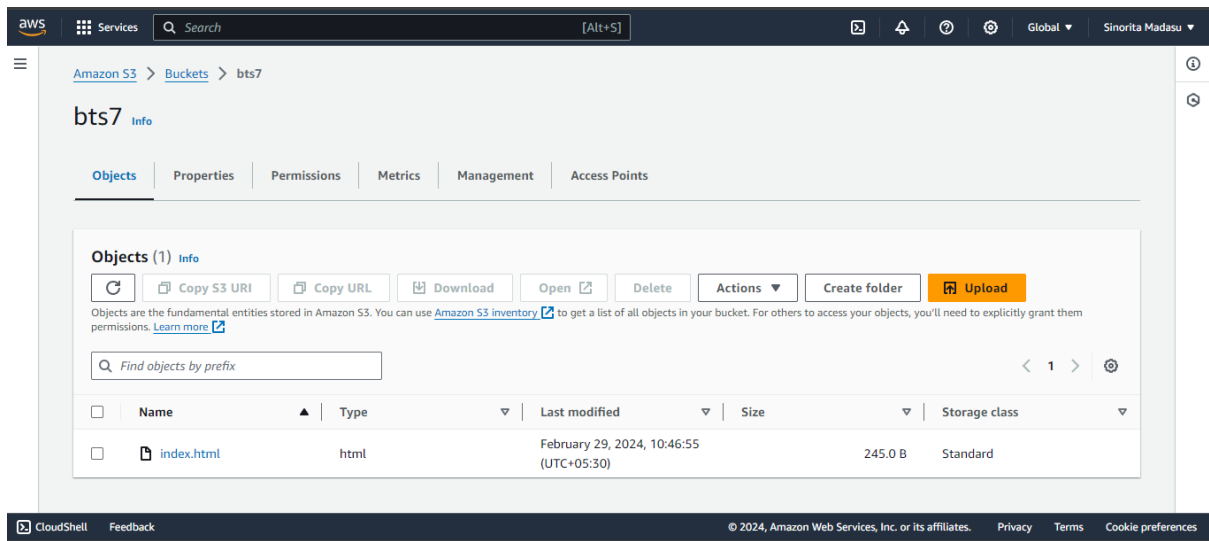
The settings are listed as follows:

- ☐ **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.

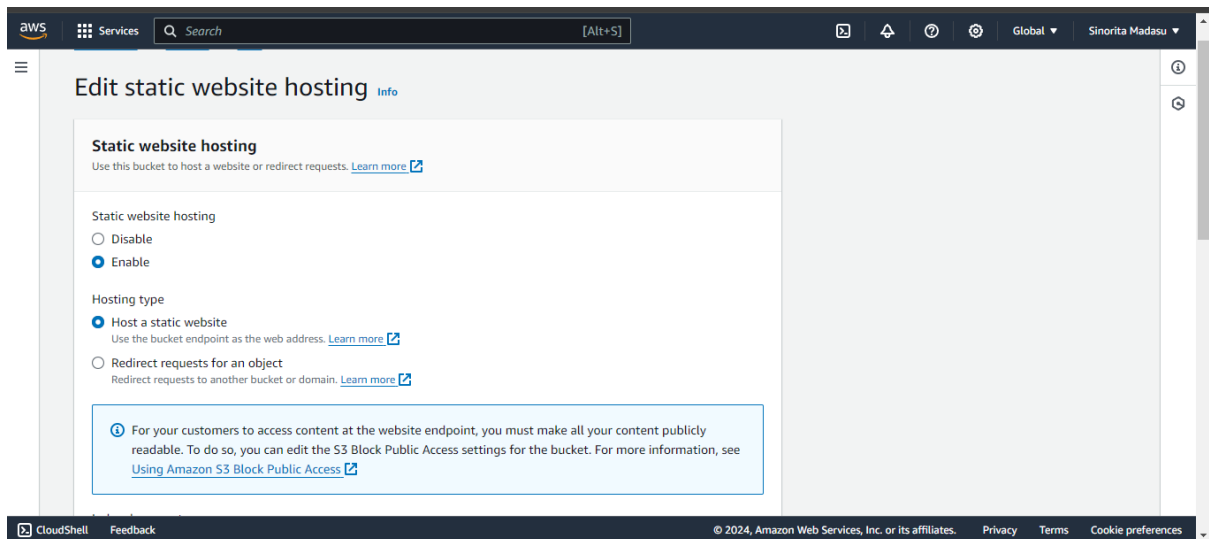
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Step 2: Upload the files of website into the bucket

- Here I add one web page file i.e, index.html

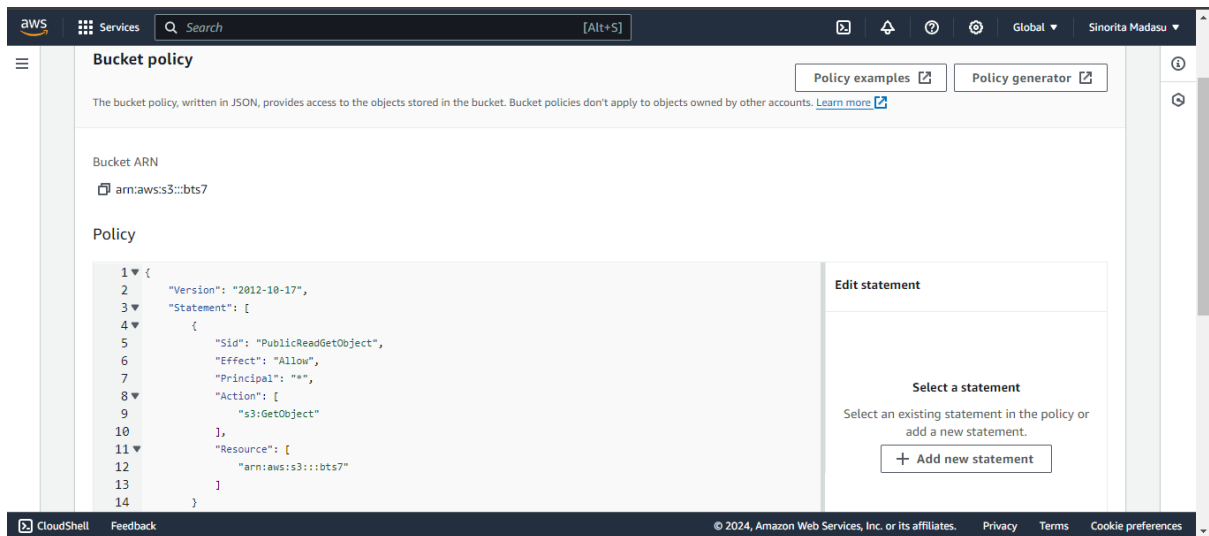


Now go to properties > scroll down > click on static website hosting (by default it is in disable) > click on edit to enable it .



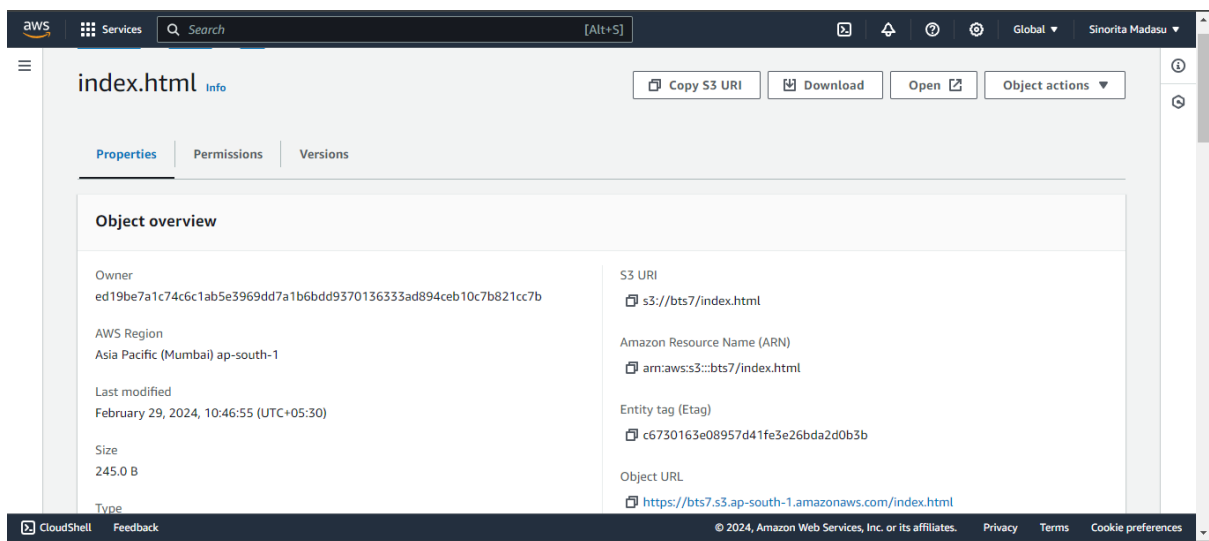
Step 3: Now click on permissions > scroll down > click on bucket policy > paste the Json code.

- This Is to give permission to the bucket to launch this webpage or website.

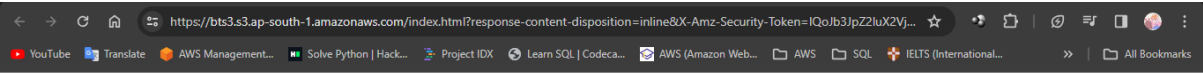


Step 4: As shown in below we can access the website or webpage in two ways :-

- Click on the open
- Copy the URL and browse it in the tab.



Result:



Hello Welcome!!!!

AWS S3 Project