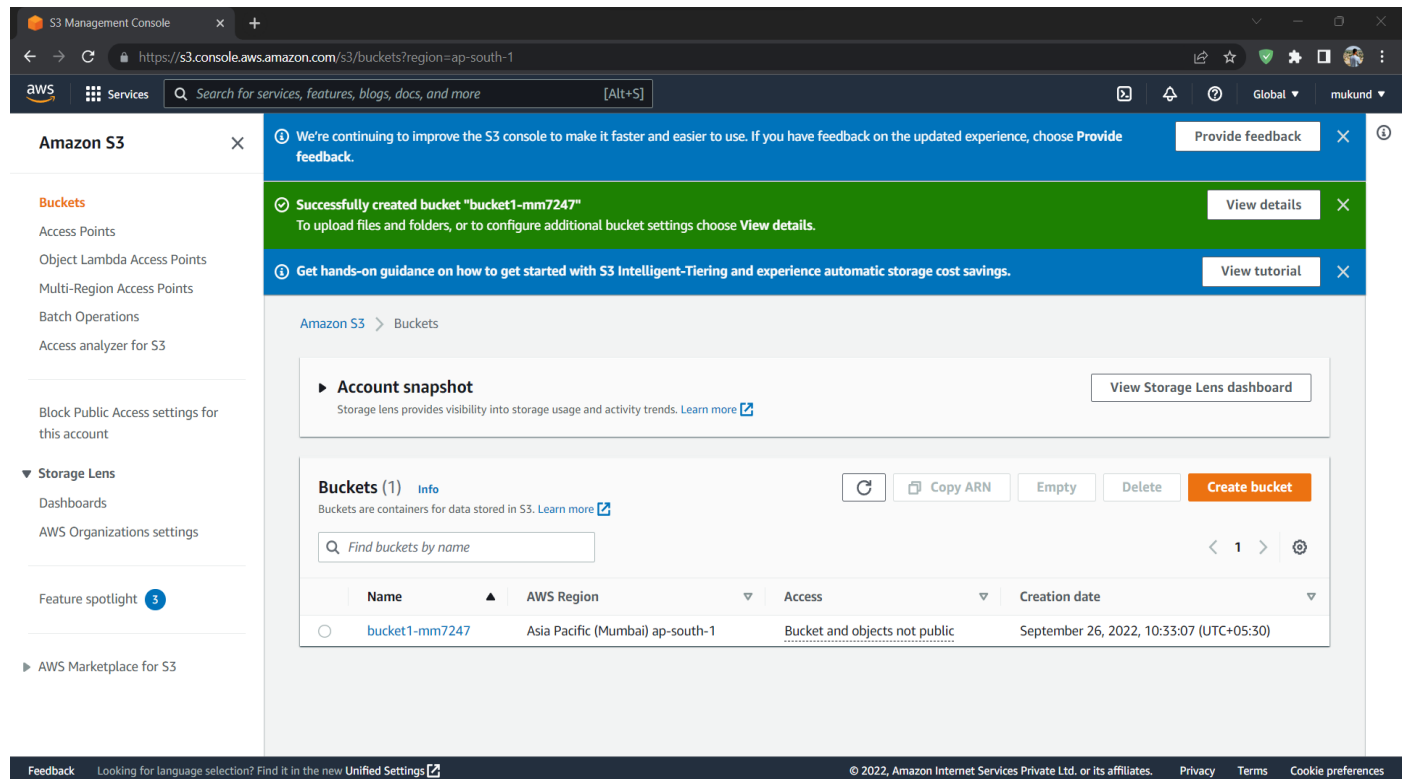


EXPERIMENT 4: CREATING A STATIC WEBSITE ON AMAZON S3-USING AWS SYSTEM MANAGER

AIM: To create a static website on Amazon S3 using AWS system manager.

PROCEDURE:

- 1) Sign in to the AWS Management Console and click on Amazon S3 Console at <https://console.aws.amazon.com/s3/> .
- 2) Click on create a bucket.
- 3) Enter the name of the bucket and the region you want to create it in
- 4) Accept the default settings and then click on create a bucket



- 5) In the buckets list, click on the bucket you just created and choose properties, then under static website hosting click the enable option.

bucket1-mm7247 - S3 bucket x Mukund Maheshwari x +

https://s3.console.aws.amazon.com/s3/bucket/bucket1-mm7247/property/website/edit?region=ap-south-1

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Global mukund

Amazon S3

Buckets

Access Points

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Block Public Access settings for this account

▼ **Storage Lens**

Dashboards

AWS Organizations settings

Feature spotlight 3

► AWS Marketplace for S3

We're continuing to improve the S3 console to make it faster and easier to use. If you have feedback on the updated experience, choose **Provide feedback**.

Amazon S3 > Buckets > bucket1-mm7247 > Edit static website hosting

Edit static website hosting [Info](#)

Static website hosting

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting

☐ Disable

☒ Enable

Hosting type

☒ Host a static website

Use the bucket endpoint as the web address. [Learn more](#)

☐ Redirect requests for an object

Redirect requests to another bucket or domain. [Learn more](#)

For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see [Using Amazon S3 Block Public Access](#)

Index document

Specify the home or default page of the website.

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bucket1-mm7247 - S3 bucket x Mukund Maheshwari x +

https://s3.console.aws.amazon.com/s3/buckets/bucket1-mm7247?region=ap-south-1&tab=properties

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We're continuing to improve the S3 console to make it faster and easier to use. If you have feedback on the updated experience, choose **Provide feedback**.

Successfully edited static website hosting.

Requester pays

When enabled, the requester pays for requests and data transfer costs, and anonymous access to this bucket is disabled. [Learn more](#)

Requester pays

Disabled

Static website hosting

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting

Enabled

Hosting type

Bucket hosting

Bucket website endpoint

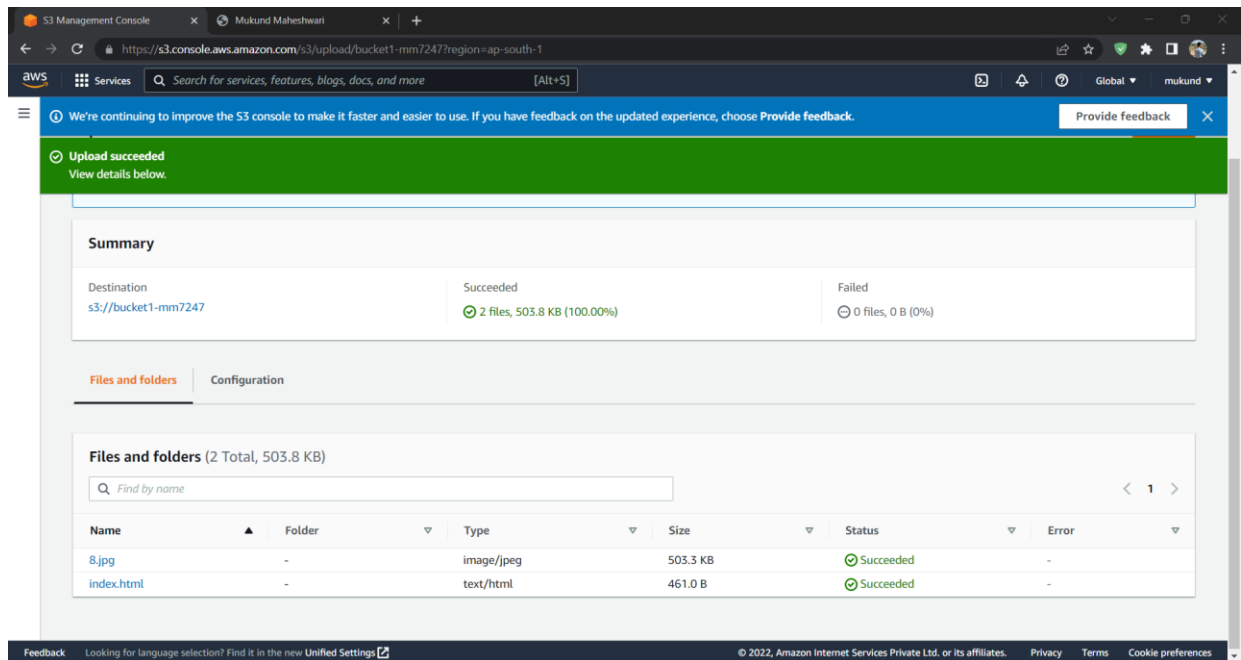
When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. [Learn more](#)

<http://bucket1-mm7247.s3-website-ap-south-1.amazonaws.com>

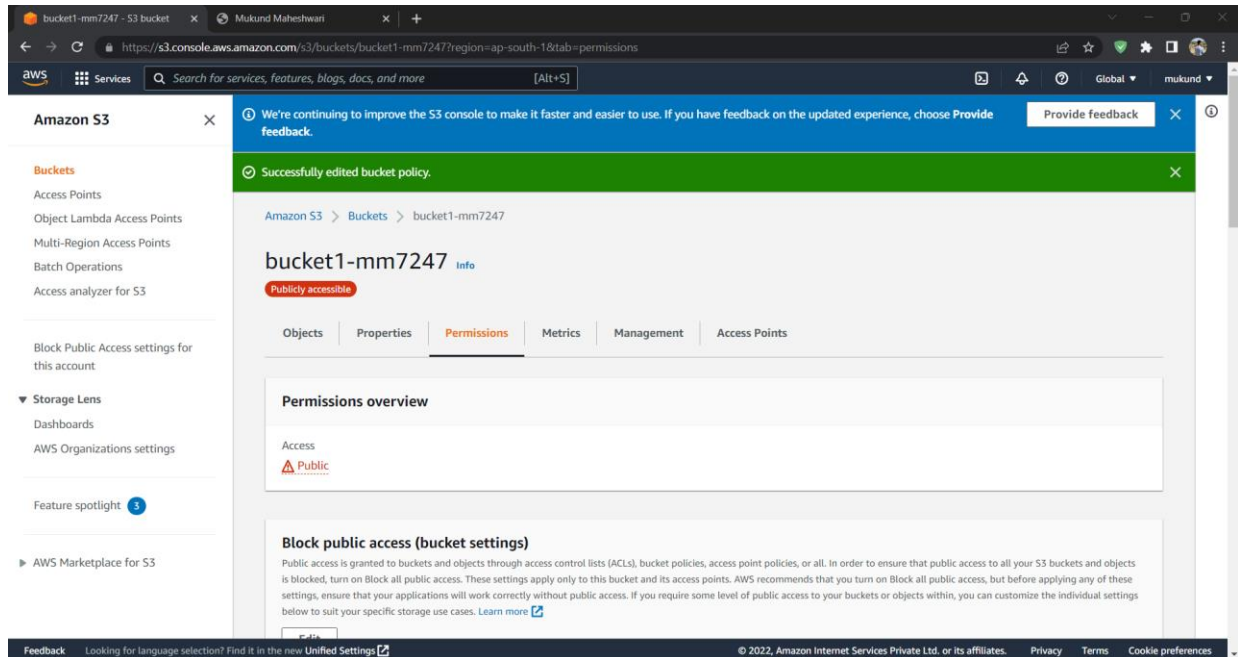
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- 6) Then click on the upload option after selecting your bucket and upload your projectfiles(index.html,style.css,main.js). Also, make sure that the project files you will upload have proper names as they are case-sensitive.



- 7) After configuring the website you can use the endpoint to test the website out.
- 8) Choose the name of the bucket you just configured and then choose permissions under that block public access will be visible, click on the edit option and save the changes.



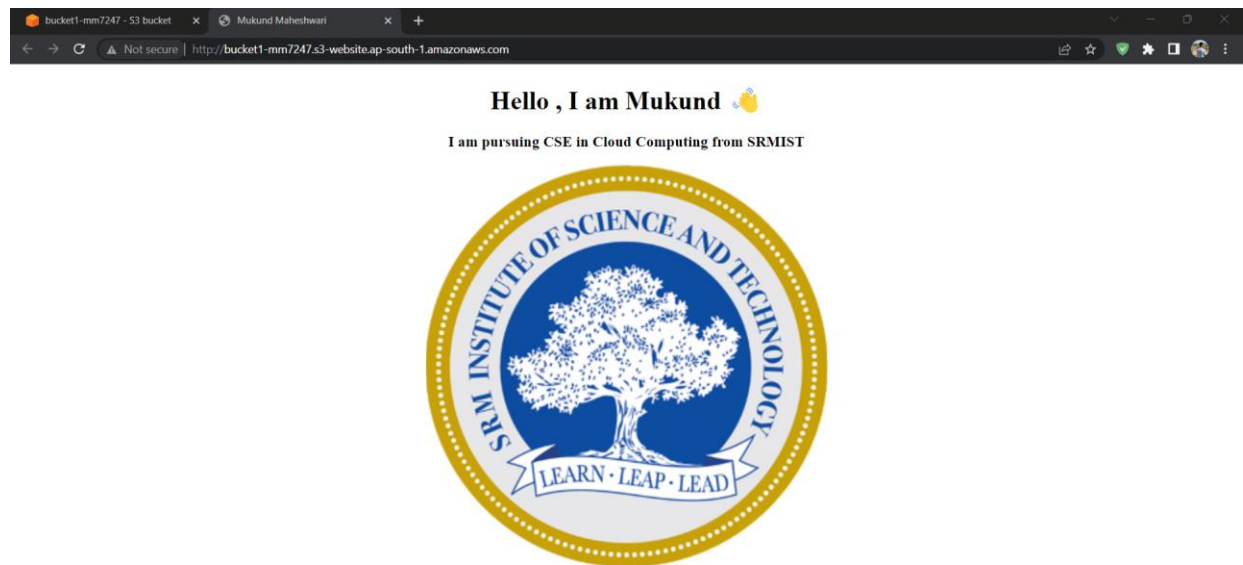
9) under the bucket permissions there will be a bucket policy, click on that and paste this code into the bucket policy editor:

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "PublicReadGetObject",
      "Effect": "Allow",
      "Principal": "*",
      "Action": [
        "s3:GetObject"
      ],
      "Resource": [
        "arn:aws:s3:::Bucket1-mm7247/*"
      ]
    }
  ]
}
```

```
}  
]  
}
```

10) Click on save changes

11) Under the buckets, choose the name of your bucket which you just created, and in the properties, choose a static website hosting - then choose your bucket endpoint 12) Now you can access your website as it has successfully been hosted.



13) Make sure to clean up after this experiment by deleting the AWS Resources that have been just allocated . After you have deleted these resources, your website will no longer be available .

RESULT:

A static website has been successfully created on Amazon S3 using AWS System Manager.