

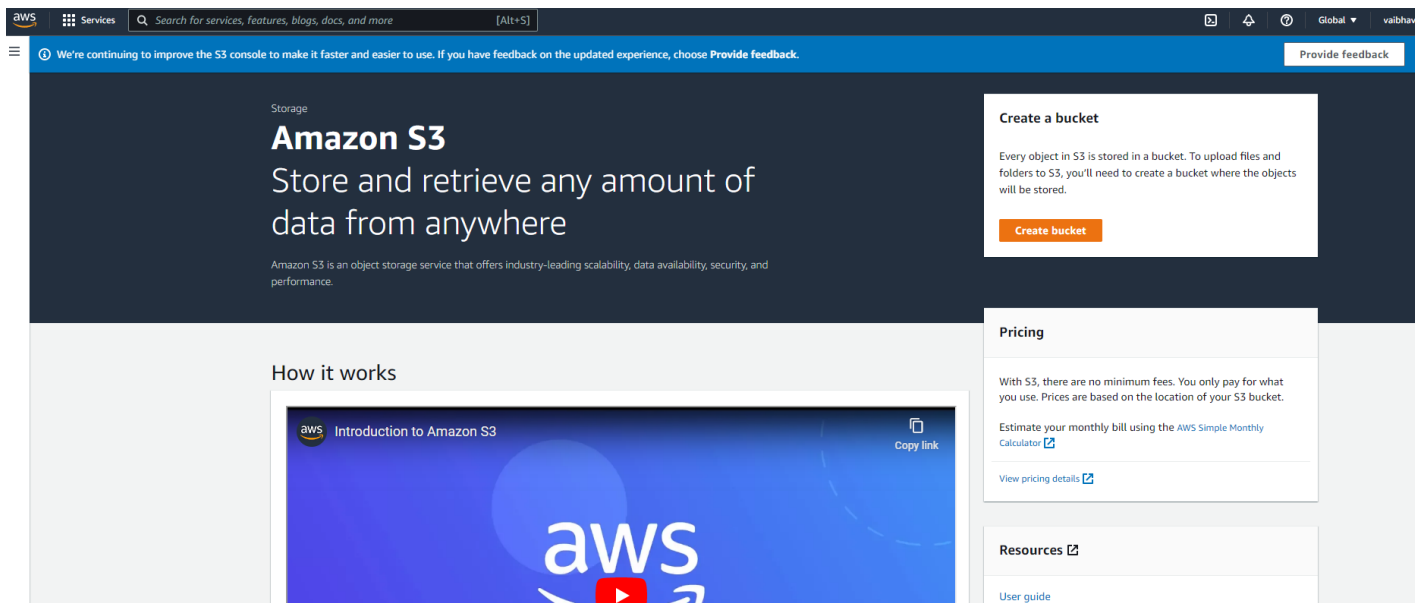
EXPERIMENT 4: CREATING A STATIC

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



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Amazon S3 > Buckets > Create bucket

Create bucket

Info

Buckets are containers for data stored in S3. [Learn more](#)

General configuration

Bucket name

mybucketvaibhavi

Bucket name must be globally unique and must not contain spaces or uppercase letters. See rules for bucket naming

AWS Region

Asia Pacific (Mumbai) ap-south-1

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

Choose bucket

Object Ownership

Info

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

☒ 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.

Object Ownership

Bucket owner enforced

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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 created bucket "mybucketvaibhavi"

To upload files and folders, or to configure additional bucket settings choose [View details](#).

Follow security best practices for S3.

Learn more

Amazon S3 > Buckets

Account snapshot

Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

[View Storage Lens dashboard](#)

Buckets (1)

Info

Buckets are containers for data stored in S3. [Learn more](#)

Find buckets by name

< 1 >

Name	AWS Region	Access	Creation date
mybucketvaibhavi	Asia Pacific (Mumbai) ap-south-1	Bucket and objects not public	October 12, 2022, 11:18:31 (UTC+05:30)

Copy ARN

Empty

Delete

Create bucket

Feedback

Looking for language selection? Find it in the new [Unified Settings](#)

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Privacy

Terms

Cookie preference

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

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Provide feedback

Amazon S3 > Buckets > mybucketvaibhavi > Upload

Upload

info

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)

Drag and drop files and folders you want to upload here, or choose [Add files](#), or [Add folders](#).

Files and folders (2 Total, 503.8 KB)

[Remove](#) [Add files](#) [Add folder](#)

All files and folders in this table will be uploaded.

< 1 >

<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	8.jpg	-	image/jpeg	503.3 KB
<input type="checkbox"/>	index.html	-	text/html	454.0 B

Destination

Destination

s3://mybucketvaibhavi

► Destination details

Bucket settings that impact new objects stored in the specified destination.

► Permissions

Grant public access and access to other AWS accounts.

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Provide feedback

Upload succeeded

View details below.

Upload: status

Close

The information below will no longer be available after you navigate away from this page.

Summary

Destination

s3://mybucketvaibhavi

Succeeded

2 files, 503.8 KB (100.00%)

Failed

0 files, 0 B (0%)

Files and folders (2 Total, 503.8 KB)

[Remove](#) [Add files](#) [Add folder](#)

All files and folders in this table will be uploaded.

< 1 >

Name	Folder	Type	Size	Status	Error
8.jpg	-	image/jpeg	503.3 KB	Succeeded	-
index.html	-	text/html	454.0 B	Succeeded	-

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Feature spotlight

► AWS Marketplace for S3

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Successfully edited static website hosting.

How to optimize your costs on S3.

Disabled

Amazon S3 currently does not support enabling Object Lock after a bucket has been created. To enable Object Lock for this bucket, contact [Customer Support](#).

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

Edit

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://mybucketvaibhavi.s3-website-ap-south-1.amazonaws.com>

Edit

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Services

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Successfully edited bucket policy.

How to optimize your costs on S3.

Amazon S3 > Buckets > mybucketvaibhavi

mybucketvaibhavi

Publicly accessible

Objects | Properties | **Permissions** | Metrics | Management | Access Points

Permissions overview

Access

Public

Block public access (bucket settings)

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](#)

Edit

Block all public access

Off

► Individual Block Public Access settings for this bucket

HEY , THIS IS Vaibhavi HERE 🙋

I am pursuing CSE in CC from SRMIST



Result: Static website has been created in S3 using Amazon System Manager