

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

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

**AVIPSHA PANIGRAHI**

The image consists of two screenshots from a Windows desktop, showing the AWS S3 console in a web browser. The browser tabs include 'Sent Mail - ap06...', 'S3 Management', '(51) WhatsApp', 'DCN-EXP4', 'Untitled document', 'avipsha131/DCN', and another 'Untitled document'.

The top screenshot shows the 'Amazon S3' landing page. The main heading is 'Amazon S3 Store and retrieve any amount of data from anywhere'. Below this, it says 'Amazon S3 is an object storage service that offers industry-leading scalability, data availability, security, and performance.' To the right, there is a 'Create a bucket' section with the text: 'Every object in S3 is stored in a bucket. To upload files and folders to S3, you'll need to create a bucket where the objects will be stored.' and a 'Create bucket' button. Below this is a 'Pricing' section with text: 'With S3, there are no minimum fees. You only pay for what you use. Prices are based on the location of your S3 bucket.' and links to 'Estimate your monthly bill using the AWS Simple Monthly Calculator' and 'View pricing details'.

The bottom screenshot shows the 'Create bucket' page. The breadcrumb is 'Amazon S3 > Buckets > Create bucket'. The heading is 'Create bucket' with an 'Info' link. Below this, it says 'Buckets are containers for data stored in S3. Learn more'. The 'General configuration' section has a 'Bucket name' field with 'avipsha' entered. Below this, it says 'Bucket name must be globally unique and must not contain spaces or uppercase letters. See rules for bucket naming'. The 'AWS Region' dropdown is 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 an 'Info' link and text: '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.'

Browser tabs: Sent Mail - ap0687@... x S3 Management Console x (S1) WhatsApp x DCN-EXP4 x avipsha131/DCN: DC... x Untitled document - x

URL: s3.console.aws.amazon.com/s3/buckets?region=ap-south-1

Header: AWS Services Search for services, features, blogs, docs, and more [Alt+S] Global Avipsha @ 0334-1098-7930

**Amazon S3**

- Buckets
- Access Points
- Object Lambda Access Points
- Multi-Region Access Points
- Batch Operations
- Access analyzer for S3
- Block Public Access settings for this account
- Storage Lens
  - Dashboards
  - AWS Organizations settings
- Feature spotlight 3

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

**Get hands-on guidance on how to get started with S3 Intelligent-Tiering and experience automatic storage cost savings.** [View tutorial](#)

**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](#)  
 [Refresh](#) [Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

	Name ▲	AWS Region ▼	Access ▼	Creation date ▼
<input type="radio"/>	avipsha	Asia Pacific (Mumbai) ap-south-1	Bucket and objects not public	September 26, 2022, 11:11:22 (UTC+05:30)

Footer: Feedback Looking for language selection? Find it in the new Unified Settings © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookie preferences 11:10 26-09-2022

Browser tabs: Sent Mail - ap0687@... x avipsha - S3 bucket x (S1) WhatsApp x DCN-EXP4 x avipsha131/DCN: DC... x Untitled document - x

URL: s3.console.aws.amazon.com/s3/bucket/avipsha/property/website/edit?region=ap-south-1

Header: AWS Services Search for services, features, blogs, docs, and more [Alt+S] Global Avipsha @ 0334-1098-7930

**Amazon S3**

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**Edit static website hosting** [Info](#)

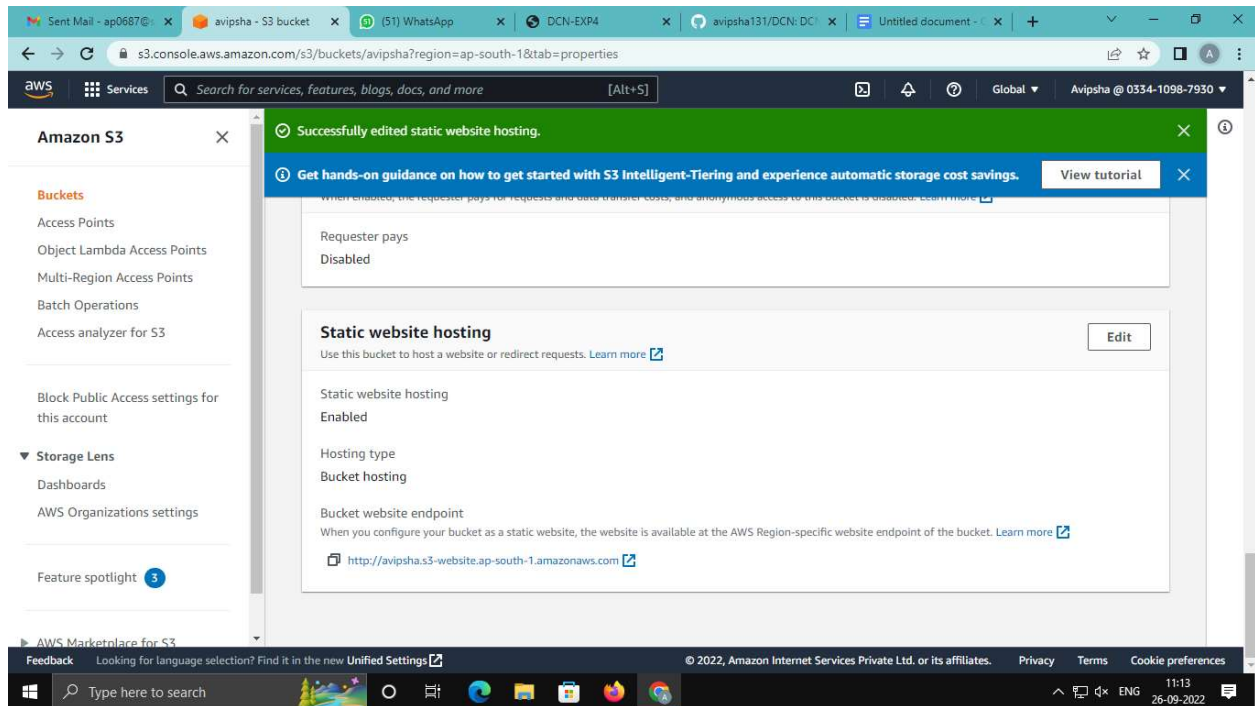
**Static website hosting**  
Use this bucket to host a website or redirect requests. [Learn more](#)

**Static website hosting**  
☐ Disable  
☒ Enable

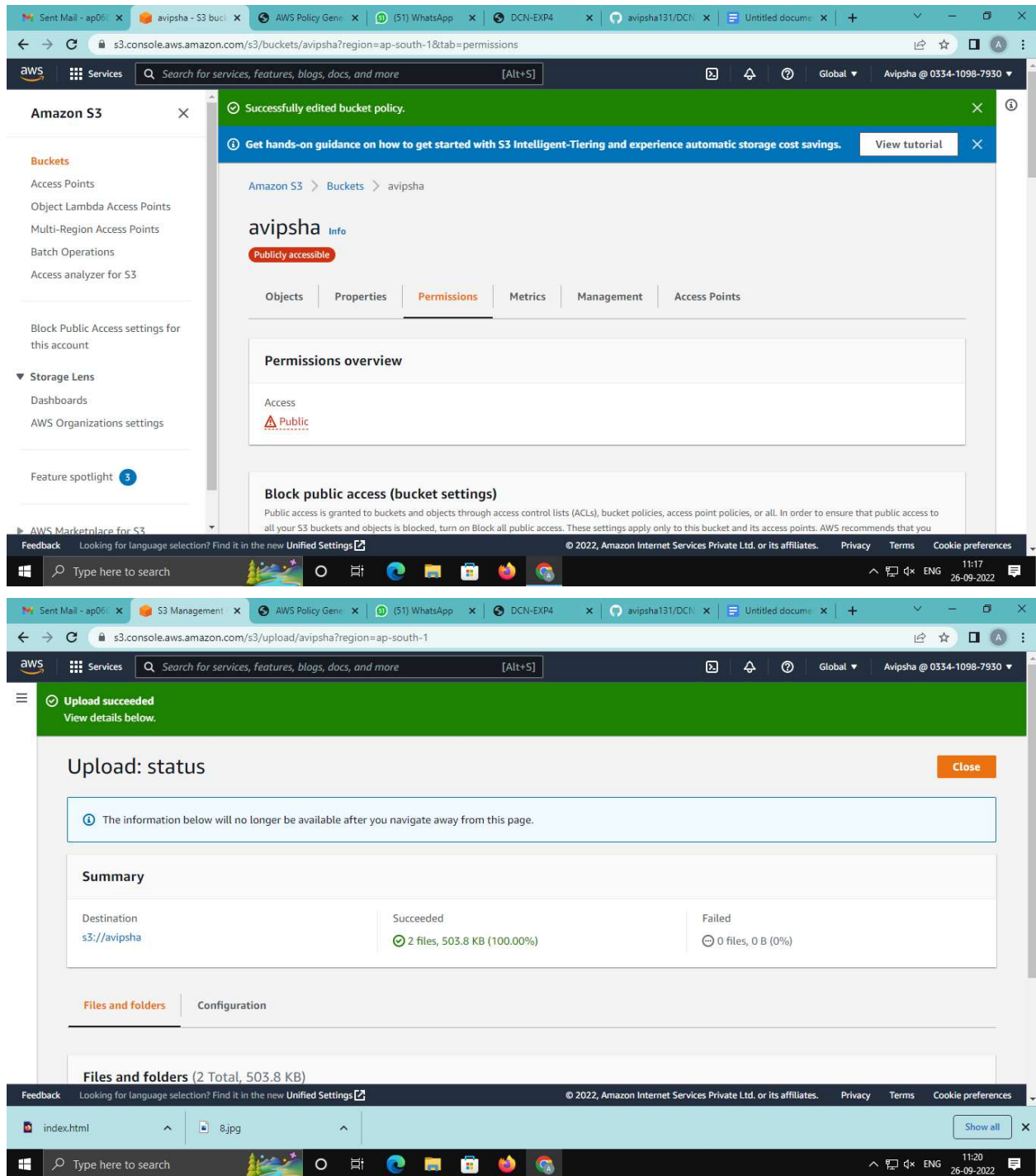
**Hosting type**  
☒ Host a static website  
Use the bucket endpoint as the web address. [Learn more](#)  
☐ Redirect requests for an object  
Redirect requests to another bucket or domain. [Learn more](#)

**Index document**

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```
{
  "Id": "Policy1664171195142",
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "Stmt1664171193838",
      "Action": [
        "s3:GetObject"
      ],
      "Effect": "Allow",
      "Resource": "arn:aws:s3:::avipsha/*",
      "Principal": "*"
    }
  ]
}
```



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