

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

Name : JAYESH S CHAUDHARI

Reg No : RA2011028010094

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

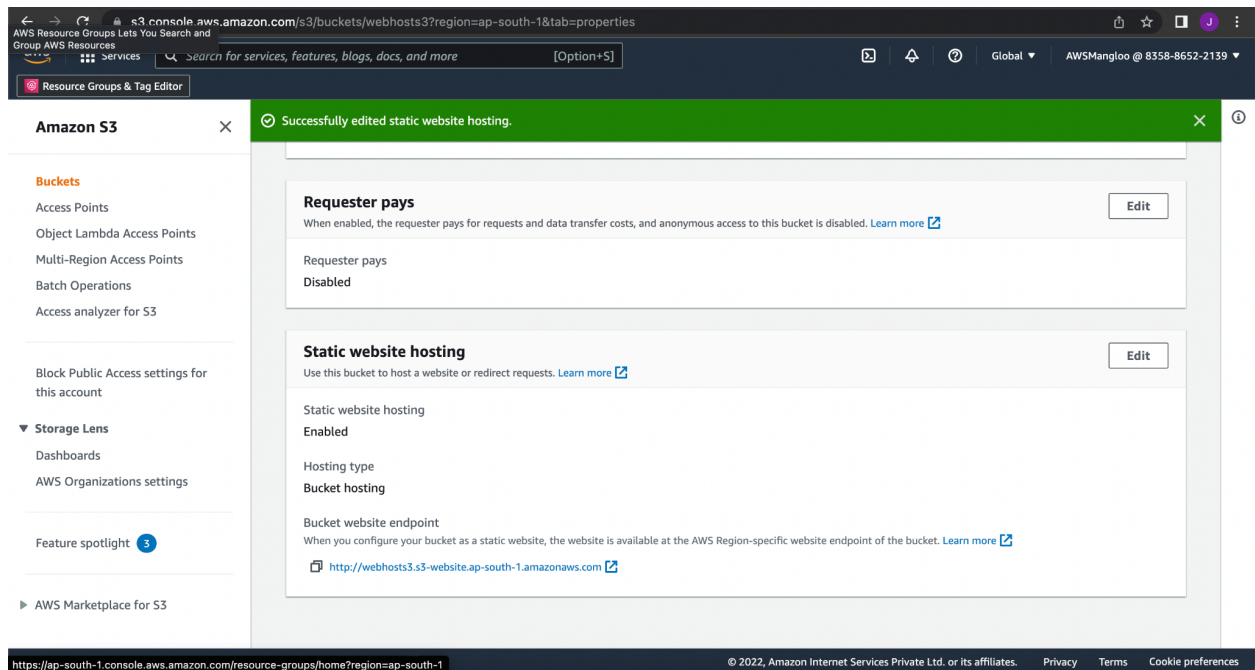
PROCEDURE:

- 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

The screenshot displays the AWS Management Console interface for the Amazon S3 console. A green notification banner at the top states "Successfully created bucket 'webhosts3'" and provides a link to "View details". The left sidebar shows the "Amazon S3" navigation menu with options like Buckets, Access Points, and Storage Lens. The main content area shows the "Buckets" page with an "Account snapshot" section displaying metrics: Total storage (503.8 KB), Object count (2), and Avg. object size (251.9 KB). Below this, the "Buckets (1)" section shows a table with one bucket named "webhosts3" in the "Asia Pacific (Mumbai) ap-south-1" region, with "Bucket and objects not public" access and a creation date of "September 26, 2022, 09:48:08 (UTC+05:30)".

Name	AWS Region	Access	Creation date
webhosts3	Asia Pacific (Mumbai) ap-south-1	Bucket and objects not public	September 26, 2022, 09:48:08 (UTC+05:30)

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



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

s3.console.aws.amazon.com/s3/upload/webhosts3?region=ap-south-1

aws Services Search for services, features, blogs, docs, and more [Option+S] Global AWSMangloo @ 8358-8652-2139

Resource Groups & Tag Editor

Upload succeeded
View details below.

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

Summary

Destination s3://webhosts3	Succeeded 2 files, 503.8 KB (100.00%)	Failed 0 files, 0 B (0%)
-------------------------------	--	-----------------------------

Files and folders Configuration

Files and folders (2 Total, 503.8 KB)

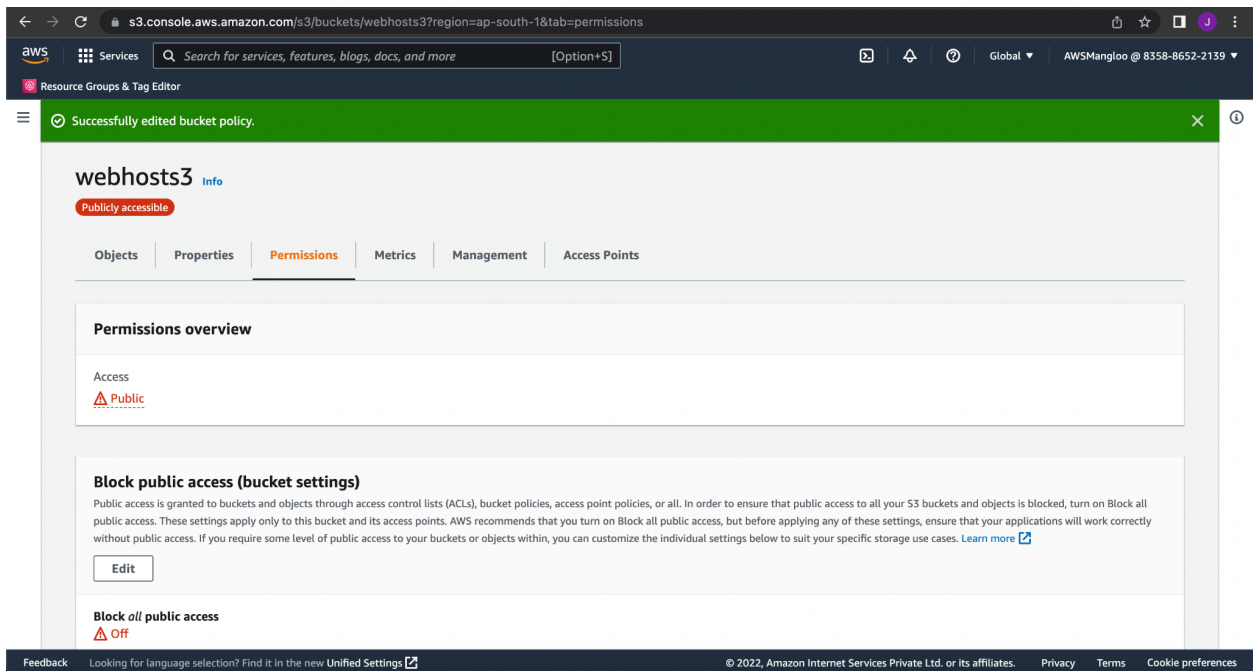
Find by name

Name	Folder	Type	Size	Status	Error
8.jpg	-	image/jpeg	503.3 KB	Succeeded	-
index.html	-	text/html	453.0 B	Succeeded	-

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

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:::Bucket-Name/*"  
] }  
}]
```

}}

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.



RESULT:

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