

INTERNSHIP REPORT



INFOTRIXX

Report: Completing the AWS S3 Bucket and Policy Configuration Task

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INTRODUCTION

The purpose of this report is to outline the steps taken to complete the task of creating an Amazon S3 bucket and configuring its permissions using a bucket policy. The task involved setting up an S3 bucket and defining a policy to control access permissions for objects within the bucket.

Task Execution:

The following steps were followed to successfully complete the task:

S3 Bucket Creation:

- Logged into the AWS Management Console using appropriate credentials.
- Navigated to the S3 service using the AWS Console's search bar.
- Clicked on "Create bucket" to initiate the bucket creation process.
- Configured bucket details, such as a unique and descriptive name, preferred region, and other optional settings (versioning, logging, encryption, etc.).
- Reviewed the settings and confirmed the creation of the S3 bucket.

Bucket Policy Configuration:

- Selected the newly created S3 bucket from the S3 management console.
- Navigated to the "Permissions" tab.
- Chose "Bucket Policy" to configure the policy that controls access to the bucket's objects.
- Clicked on "Edit" to modify the bucket policy.
- Created a sample bucket policy that allowed public read access to all objects within the bucket.
- Entered the policy JSON, specifying the actions, principals, and resources.
- Saved the changes after reviewing the policy.

Resources Used:

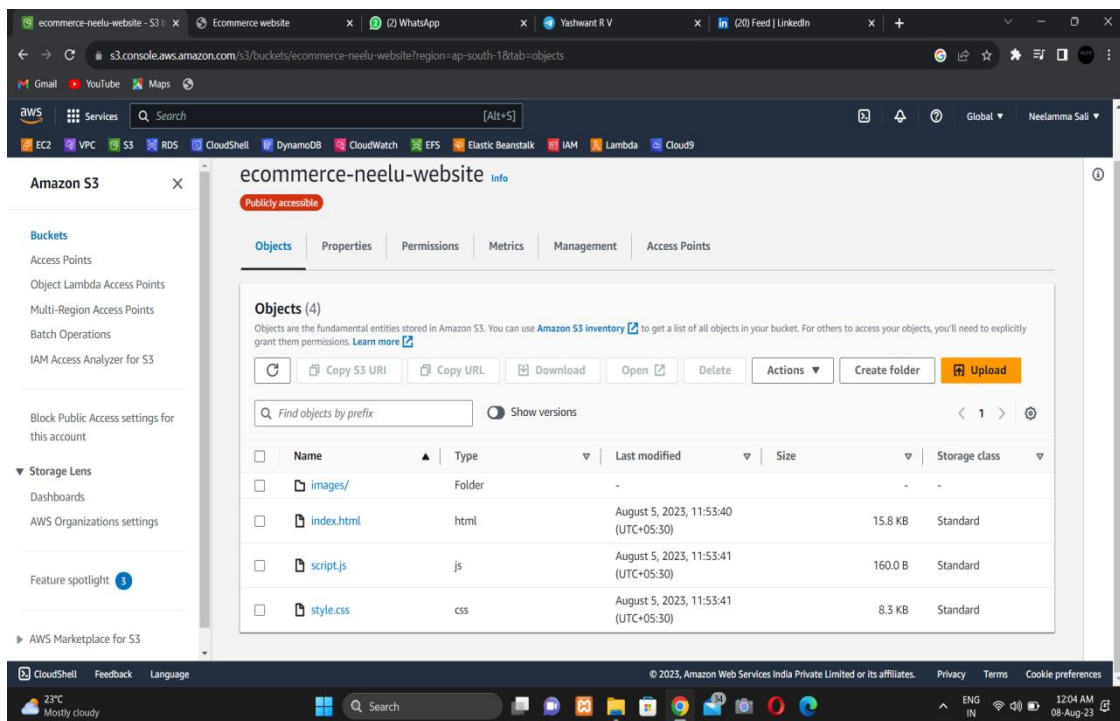
- AWS Documentation:

AWS S3 documentation (<https://docs.aws.amazon.com/s3/>) provided comprehensive guidance on creating buckets, configuring settings, and defining bucket policies.

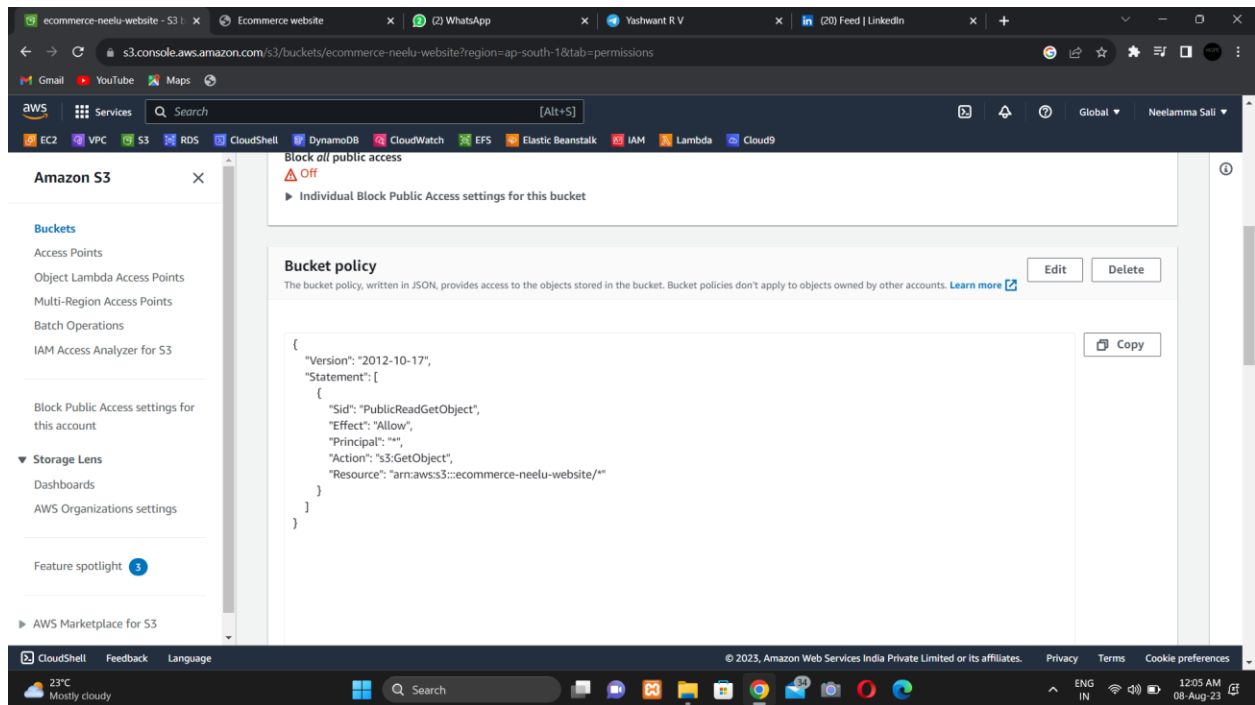
- General Knowledge of AWS Services:

Drawing from a wide range of training data, I utilized my understanding of AWS services, their functionalities, and best practices for setting up S3 buckets and policies.

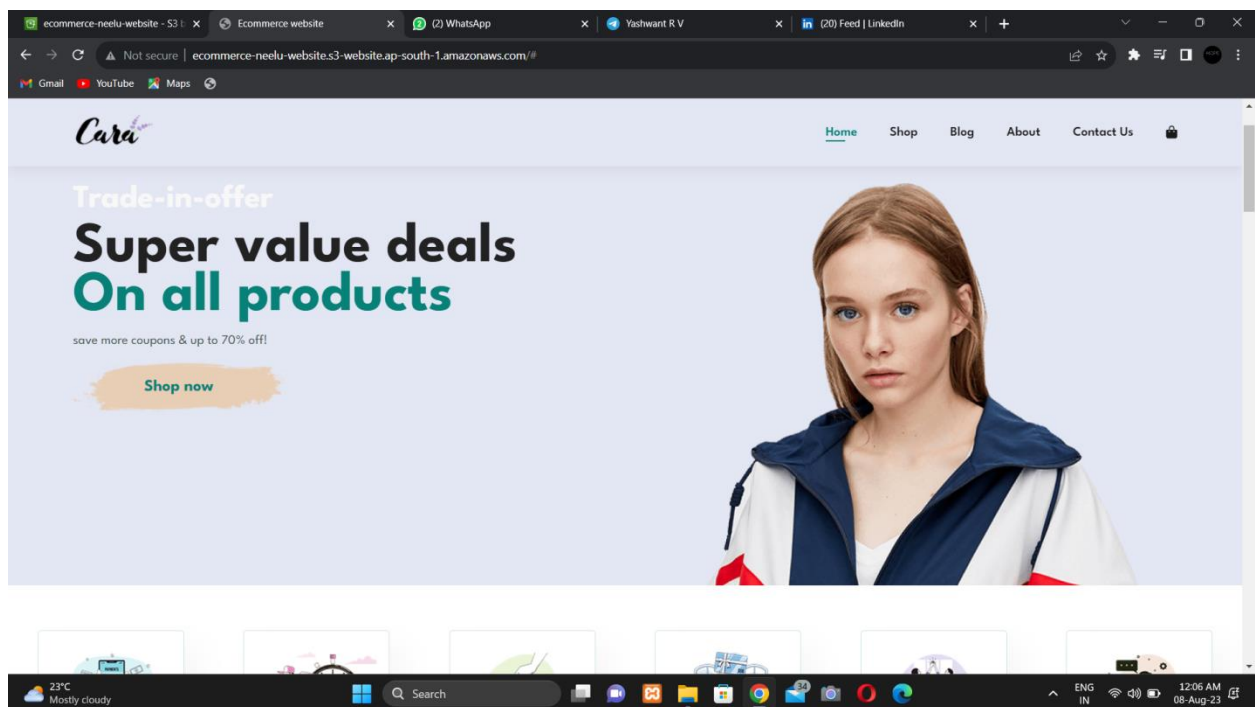
SCREENSHOTS



Creation of S3 bucket with files uploaded



Bucket Configuration Policy



Static webpage hosted on Amazon S3

CONCLUSION

The task of creating an Amazon S3 bucket and configuring its permissions using a bucket policy was successfully completed by following the outlined steps. The process involved accessing the AWS Management Console, creating the S3 bucket with appropriate settings, and defining a sample bucket policy to control access.

REFERENCES

- Bucket policy-

<https://docs.aws.amazon.com/AmazonS3/latest/userguide/example-bucket-policies.html>

- Static Webpage link-

<https://github.com/alirezatayebinejad/ecommerce-website-html-css>

- Hosted webpage -

<http://ecommerce-neelu-website.s3-website.ap-south-1.amazonaws.com>