

SQS and SES Assignment

Problem Statement:

You work for XYZ Corporation. Your team is asked to deploy similar architecture

multiple times for testing, development, and production purposes.

Implement

CloudFormation for the tasks assigned to you below.

Tasks To Be Performed:

1. Create a FIFO SQS queue and test by sending messages.

2. Register your mail in SES and send a test mail to yourself

1. Create a FIFO SQS queue and test by sending messages:

The screenshot shows the AWS Management Console 'Create queue' page for Simple Queue Service (SQS). The page is titled 'Create queue | Simple Queue Ser' and the URL is 'https://us-east-1.console.aws.amazon.com/sqs/v3/home?region=us-east-1#/create-queue'. The 'Details' section shows the 'Type' as 'FIFO' (selected) and 'Standard'. The 'Name' is 'myAssignment.fifo'. The 'Configuration' section shows a 'Visibility timeout' of 30 seconds and a 'Message retention period' of 4 days. The footer includes 'CloudShell', 'Feedback', and copyright information for Amazon Web Services, Inc. or its affiliates.

Details

Type

Choose the queue type for your application or cloud infrastructure.

☐ Standard Info

At-least-once delivery, message ordering isn't preserved

- At-least once delivery
- Best-effort ordering

☒ FIFO Info

First-in-first-out delivery, message ordering is preserved

- First-in-first-out delivery
- Exactly-once processing

You can't change the queue type after you create a queue.

Name

myAssignment.fifo

A queue name is case-sensitive and can have up to 80 characters. You can use alphanumeric characters, hyphens (-), and underscores (_).

Configuration Info

Set the maximum message size, visibility to other consumers, and message retention.

Visibility timeout Info

30 Seconds

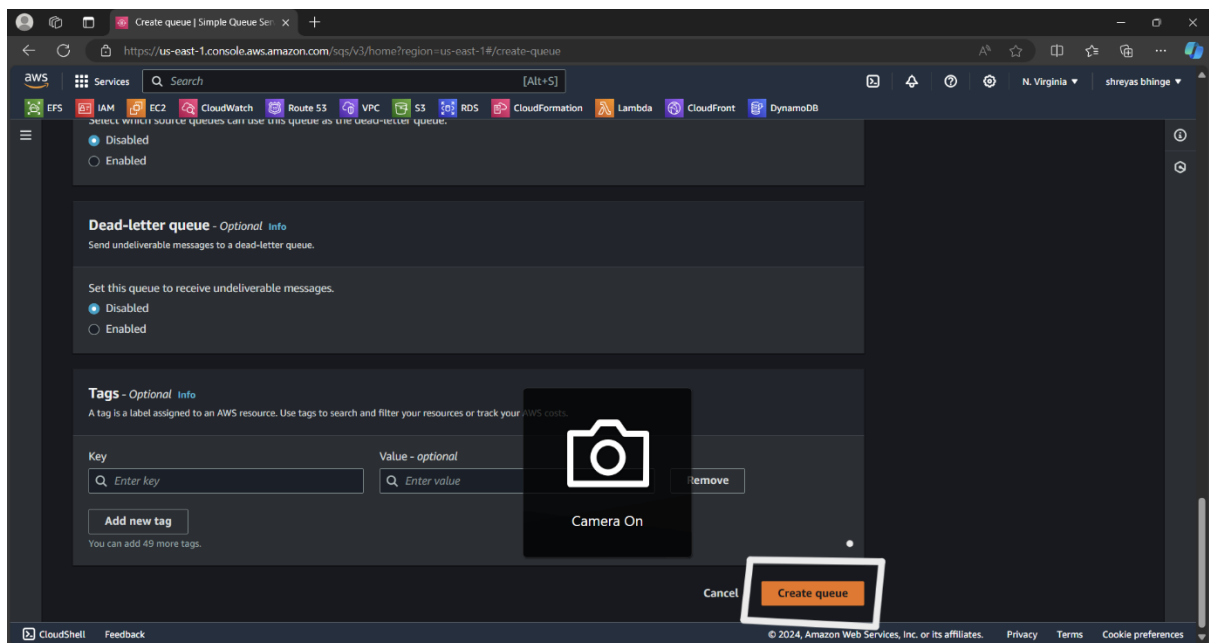
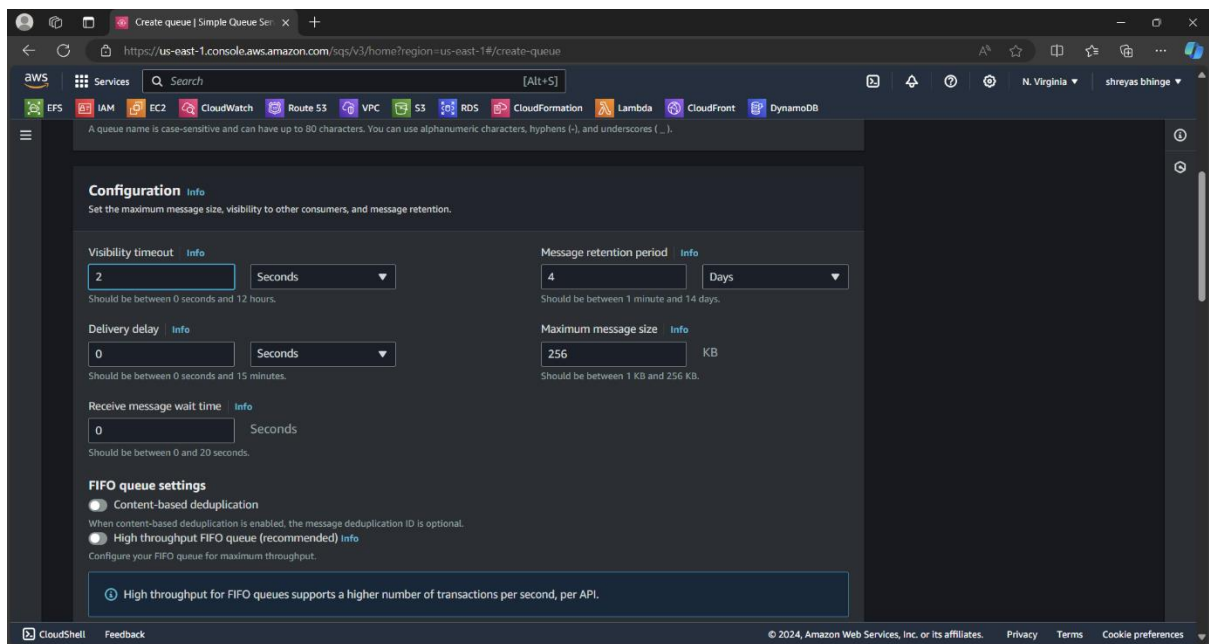
Should be between 0 seconds and 12 hours.

Message retention period Info

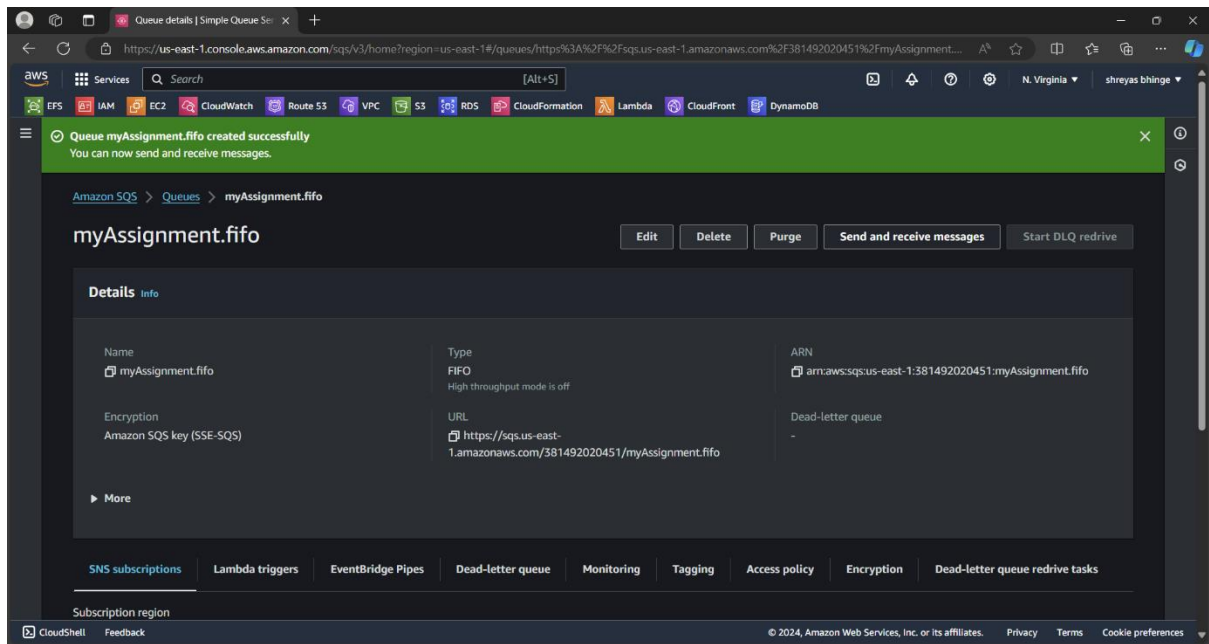
4 Days

Should be between 1 minute and 14 days.

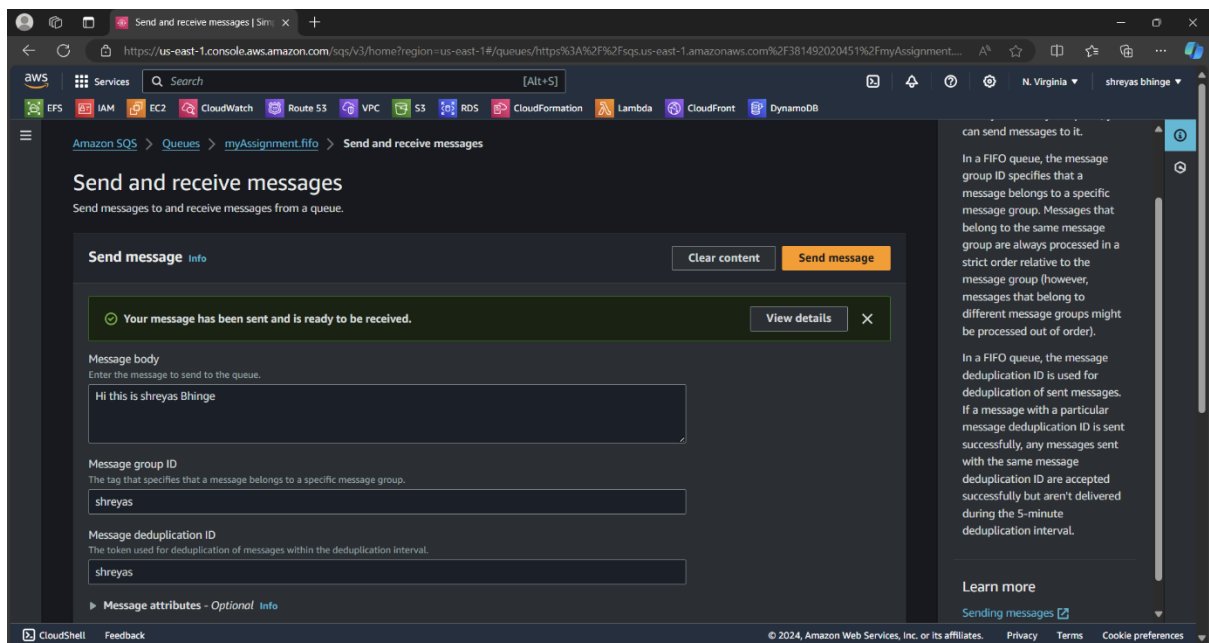
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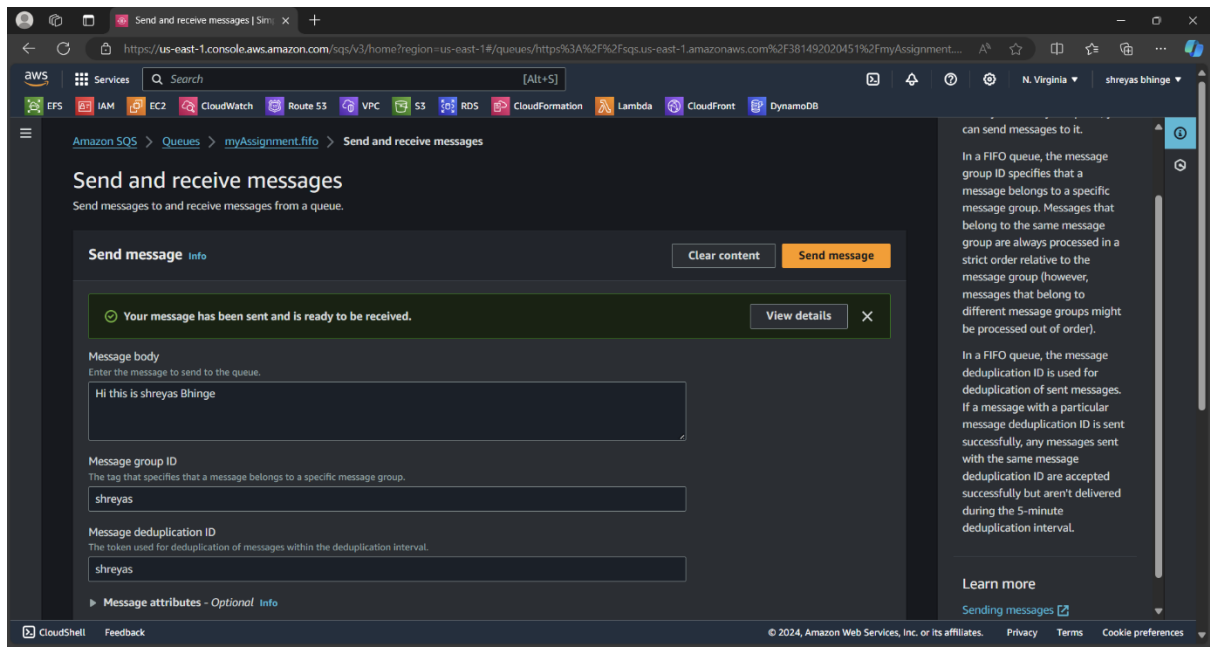


Queue will be created Then click on send and receive message

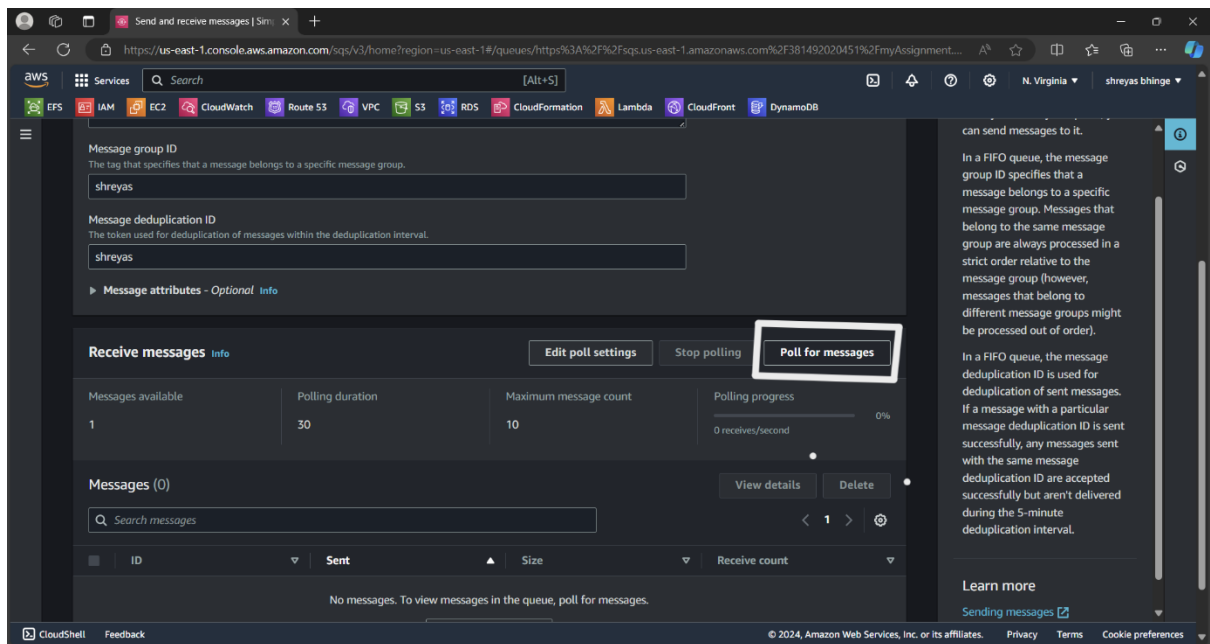


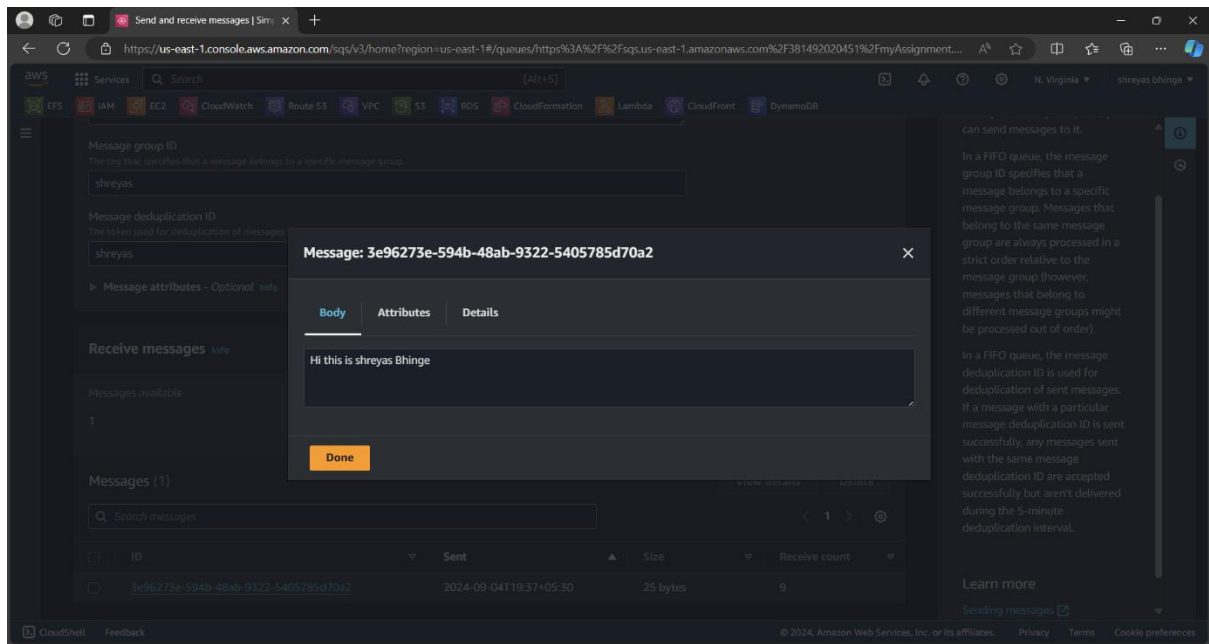
Add message body and other info





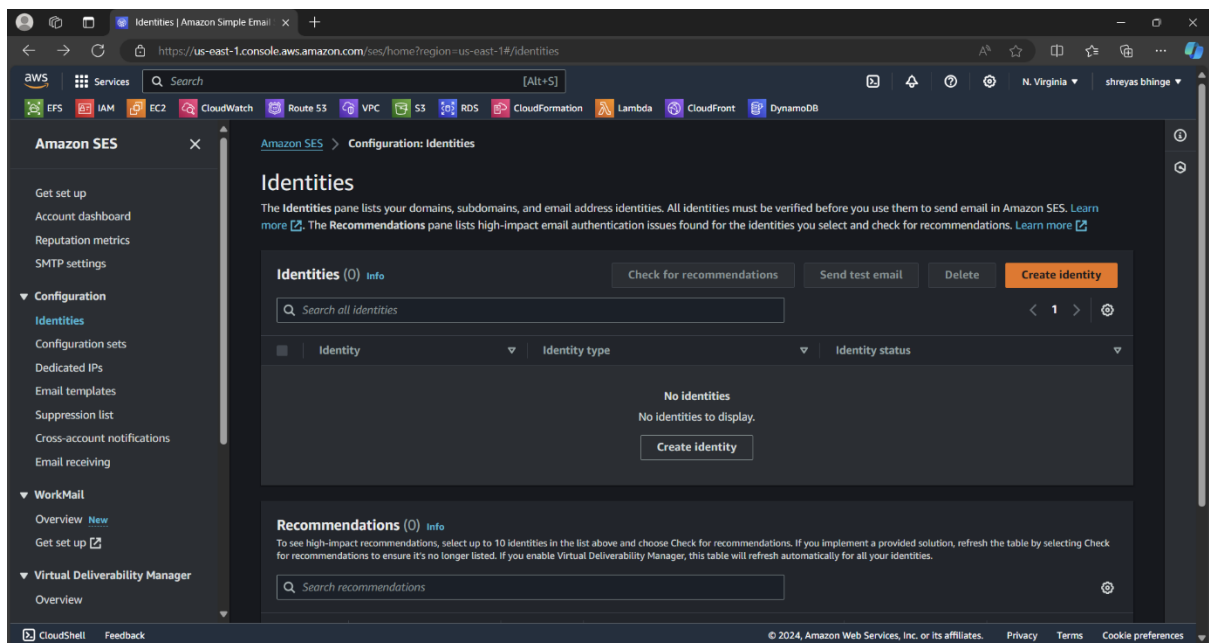
Click on poll message



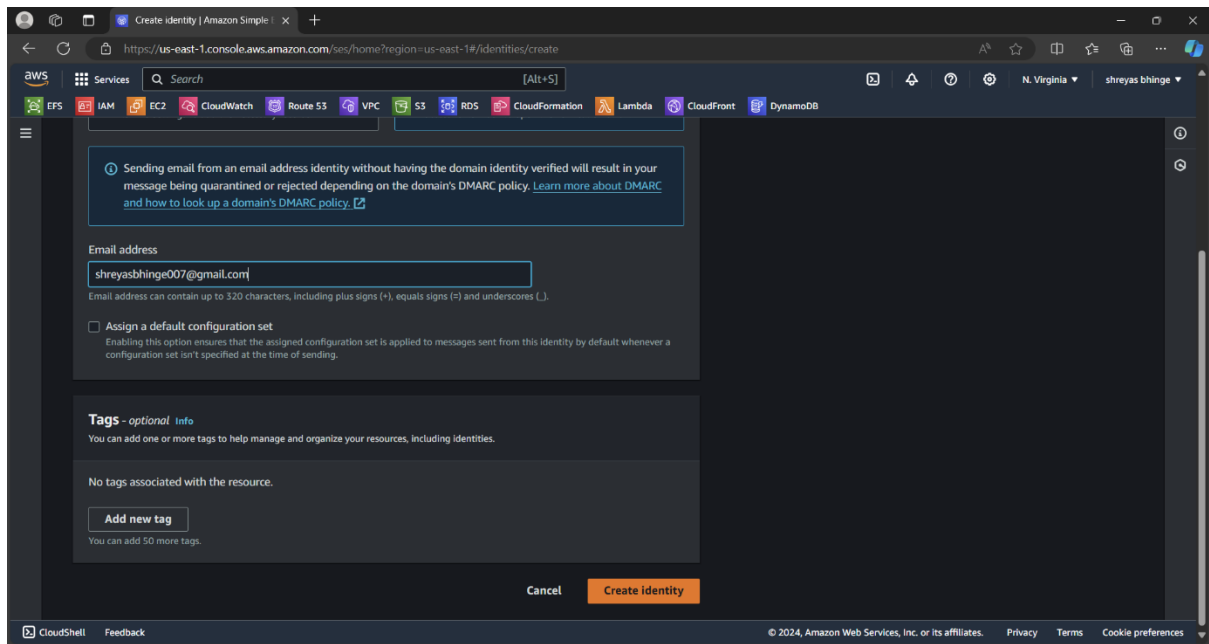


2. Register your mail in SES and send a test mail to yourself

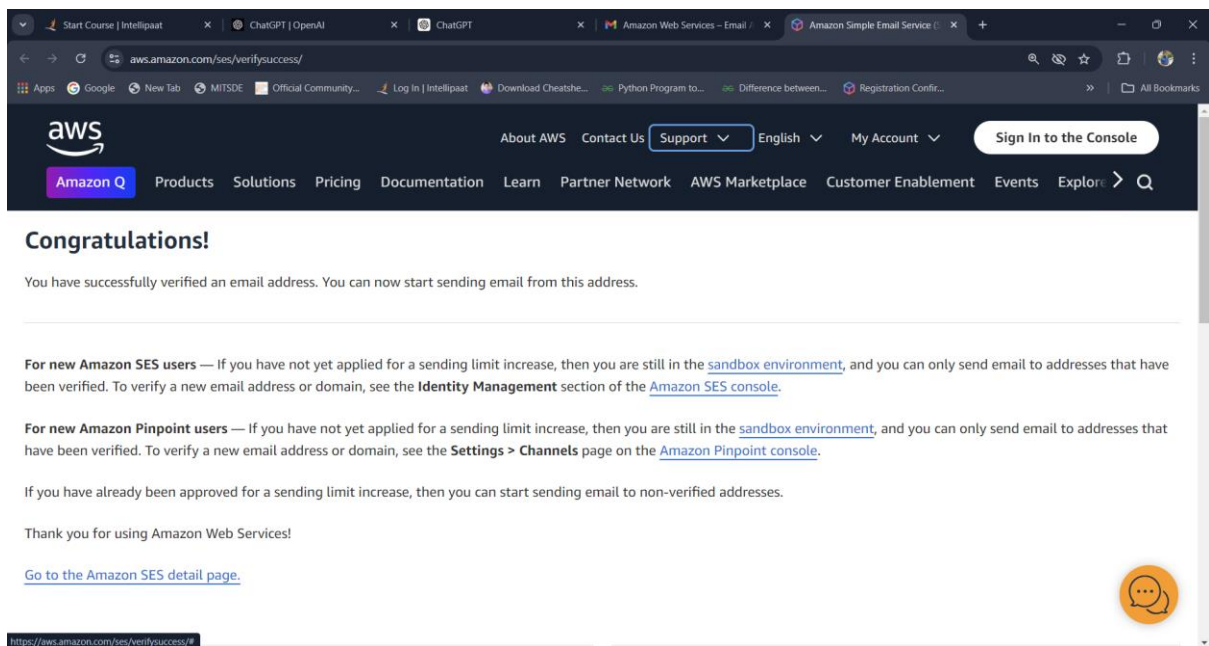
Go to SES and create identity



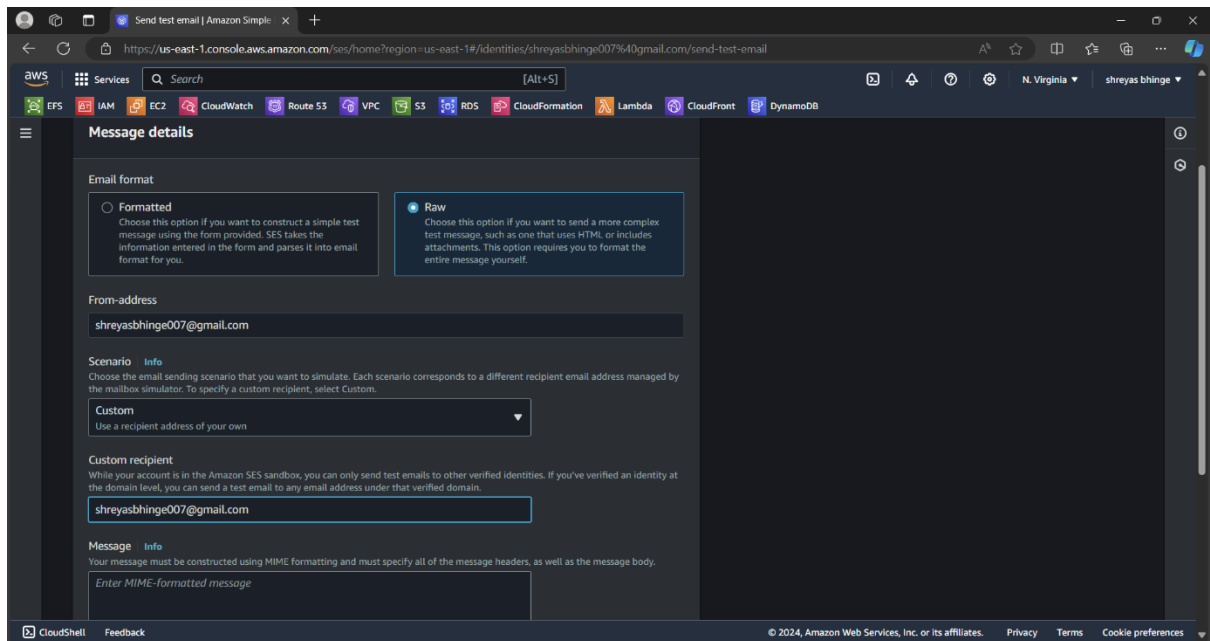
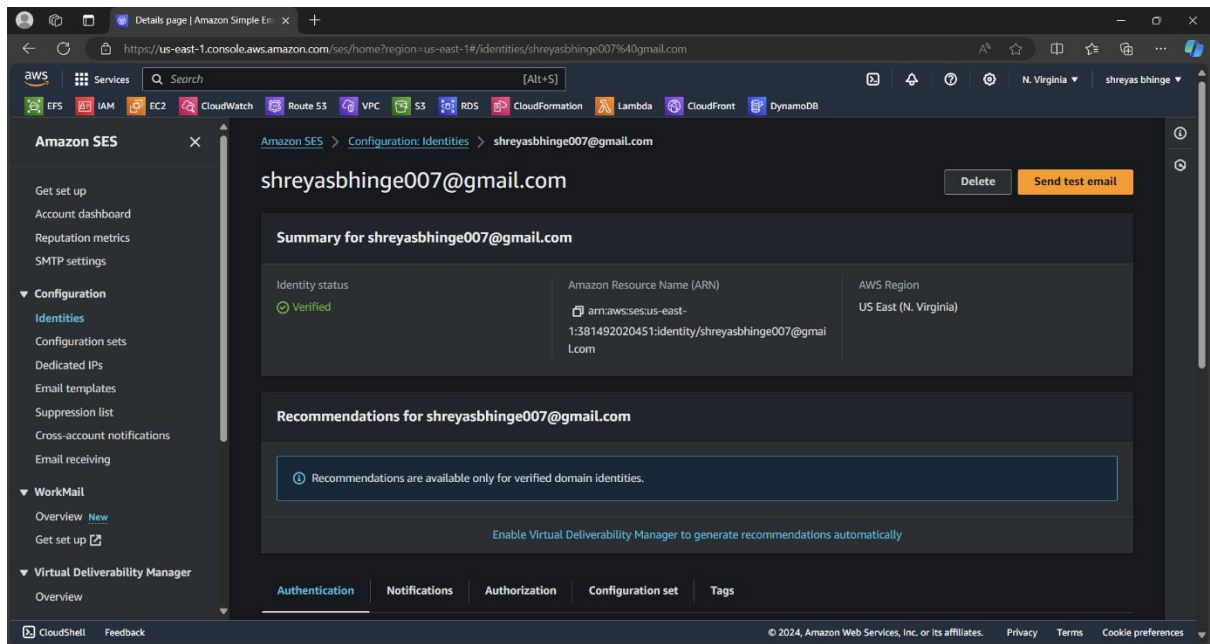
Add E-mail address

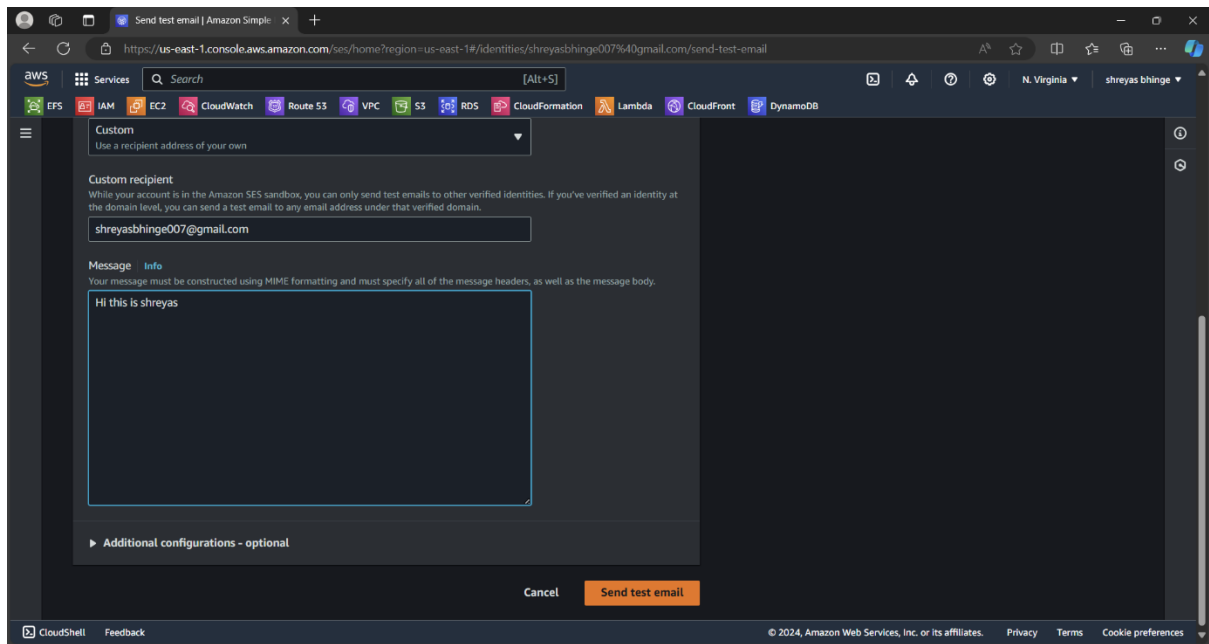


Verify E-mail in the G-mail



Click on send and test message





And you will receive the Mail.