

Cloud Computing Laboratory Week-4

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Roll No.: 6

Sem: 6

Section: D

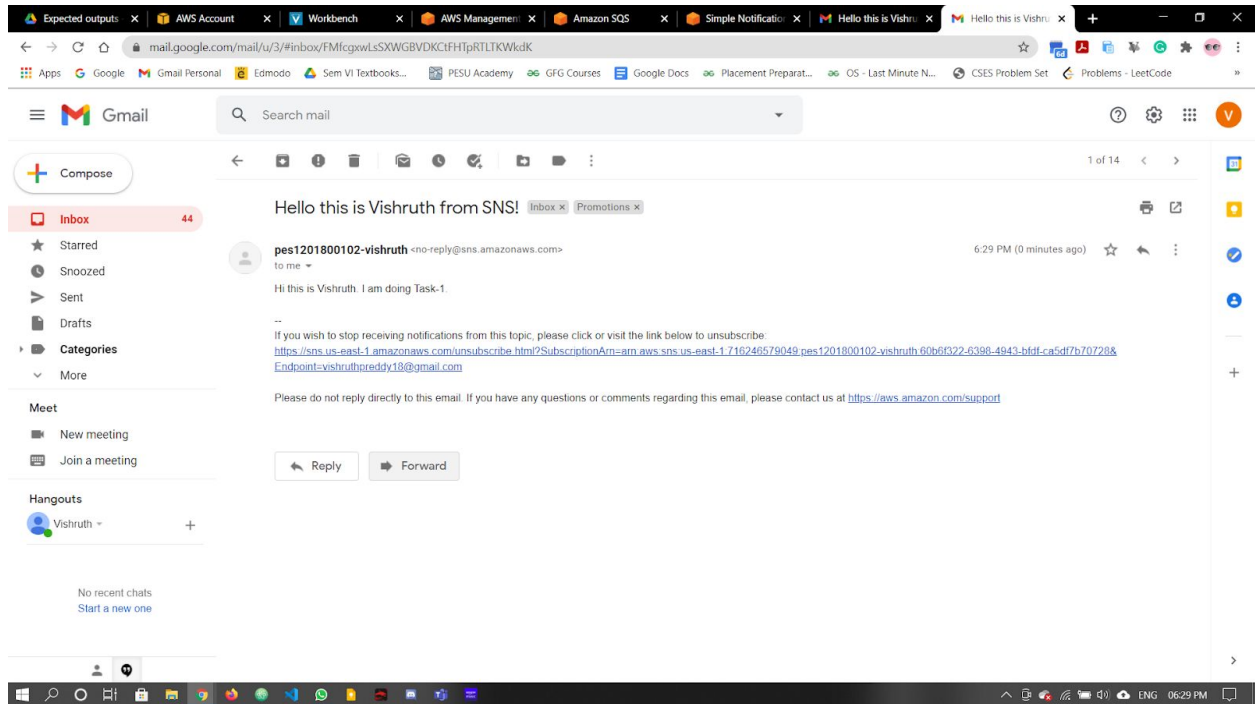
Task 1:

4a. List of Subscriptions

The screenshot shows the Amazon SNS Subscriptions page in the AWS console. The page title is "Amazon SNS > Subscriptions". On the left, there is a navigation menu with options: Dashboard, Topics, Subscriptions (selected), Mobile, Push notifications, and Text messaging (SMS). The main content area displays a table of subscriptions. Above the table, there are buttons for "Edit", "Delete", "Request confirmation", "Confirm subscription", and "Create subscription". The table has columns for ID, Endpoint, Status, Protocol, and Topic. There are four subscriptions listed, all with a status of "Confirmed".

ID	Endpoint	Status	Protocol	Topic
f0123914-4e0b-4bfb-b7e0-382674c83079	vishruthreddy@gmail.com	Confirmed	EMAIL	pes1201800102-vishruth
60b6f322-6398-4943-bfd1-ca5df7b70728	vishruthreddy18@gmail.com	Confirmed	EMAIL	pes1201800102-vishruth
c6c948da-7d1d-493d-a634-3bd2b0f7e1c4	https://event.vocareum.com/cloudwatch/cwalarms.php	Confirmed	HTTPS	vocAlarmTopic
c6083928-442b-4473-8c6b-d40349a4093a	arn:aws:sqs:us-east-1:716246579049:vishruth-queue	Confirmed	SQS	pes1201800102-vishruth

4b. Received Email



Task 2:

4c. Standard Queue

The screenshot shows the AWS Management Console for an Amazon SQS Standard Queue named 'vishruth-queue'. The console is in the 'us-east-1' region. The queue's details are as follows:

Name	Type	ARN
vishruth-queue	Standard	arn:aws:sqs:us-east-1:716246579049:vishruth-queue

Encryption: -
URL: https://sqs.us-east-1.amazonaws.com/716246579049/vishruth-queue
Dead-letter queue: -

Below the details, there are tabs for 'SNS subscriptions', 'Lambda triggers', 'Dead-letter queue', 'Monitoring', 'Tagging', 'Access policy', and 'Encryption'. The 'SNS subscriptions' tab is active, showing 'No Amazon SNS subscriptions'. A 'Subscribe to Amazon SNS topic' button is visible.

4d. Polling for Messages

The screenshot shows the 'Send message' and 'Receive messages' sections of the AWS Management Console for the 'vishruth-queue'.

Send message: A message has been sent and can be received in 10 seconds. The message body is 'Hi, this is Vishruth. I'm sending a message with 10 seconds delay.' The delivery delay is set to 10 seconds.

Receive messages: The 'Polling progress' shows 1 receiver/second. The 'Messages' table shows one message:

ID	Sent	Size	Receive count
dcd80882-8fbb-44b9-aac8-9a6578816975	2/9/2021, 17:59:03 GMT+5:30	66 bytes	5

Task 3:

4e. Received json Object

The screenshot displays the AWS Management Console interface for an Amazon SQS queue. A modal window titled "Message: ba51efab-1ed6-4c85-b199-c7dbd7cae35c" is open, showing the details of a received message. The message body is a JSON object representing a notification.

Message Details:

- MessageId:** "e5e937cf-b08d-5785-9edd-6f533ae98847"
- TopicArn:** "arn:aws:sns:us-east-1:716246579049:pesi201800102-vishruth"
- Subject:** "Hi, this is Vishruth. I'm doing Task-3."
- Message:** "Sample message for Amazon SQS endpoints"
- Timestamp:** "2021-02-09T12:52:03.032Z"
- SignatureVersion:** "1"
- Signature:** "Isk0qnsDV0h0pqa22cxY/hRwz1CQp00T2xxfmg0Sk3uq0Yg3j2F0icpsTa4vuiyCq0bkeH/3j4xFL0CHbby+CT1G+Jp..."
- SigningCertURL:** "https://sns.us-east-1.amazonaws.com/SigningCertService-018a507c1833636cd04bd968d93083a.pem"
- UnsubscribeURL:** "https://sns.us-east-1.amazonaws.com/?"

The background shows the "Receive messages" section with a table of messages. The message being viewed is the first one in the list.

Message ID	Received At	Size	Approximate Age
ba51efab-1ed6-4c85-b199-c7dbd7cae35c	2/9/2021, 12:52:03 GMT+5:30	1 KB	1