Managed Services on AWS
CloudWithAWS-TIO-21

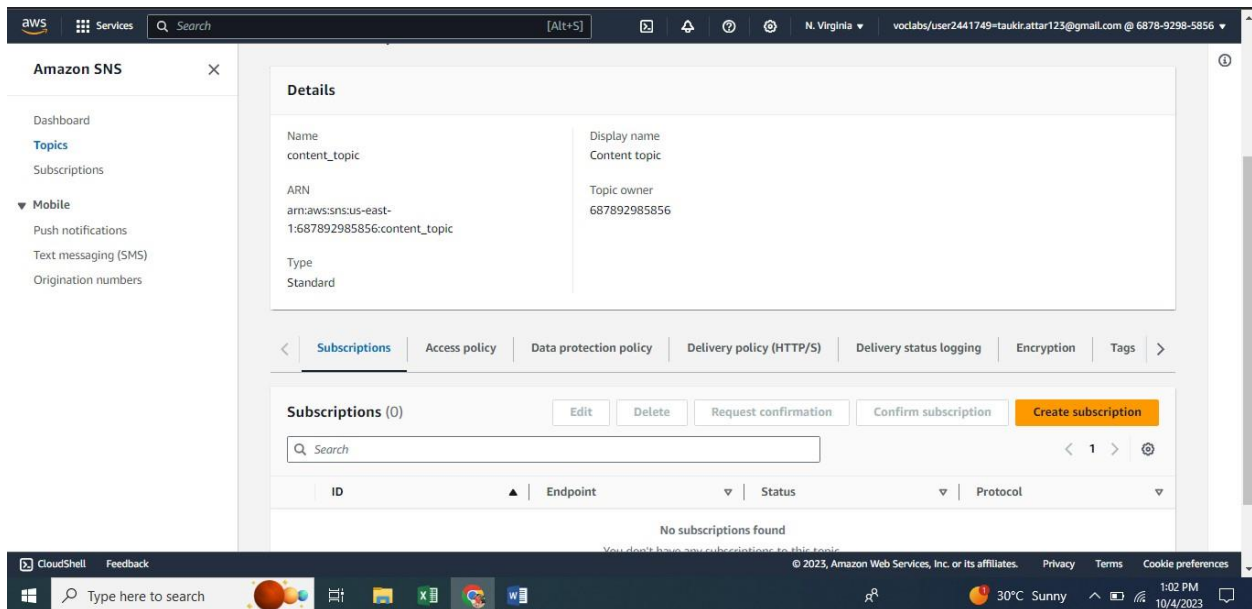# Project 2

The goal

The following are the goals of this handson:

1. Create the SNS topic and a Queue
2. Create a subscription in SNS for the Queue
3. Ensure the permission is granted for SNS to push the message to SQS
4. Publish a message in SNS and observe it in the SQS console
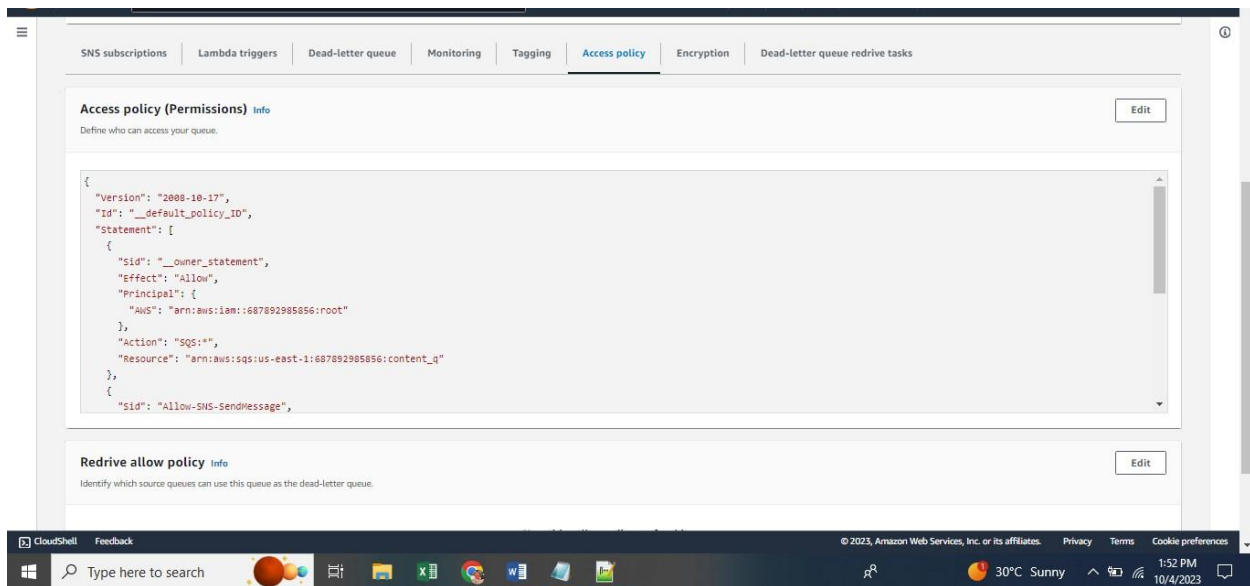
A. Hands-on : Create the SNS topic

19. In the above screen shot I have created SNS topic.

20. The region is N Virginia.

21. Name of the text field name is content_topic .

22. Display name is Content topic.

B. Hands–On : Create the SQS queue
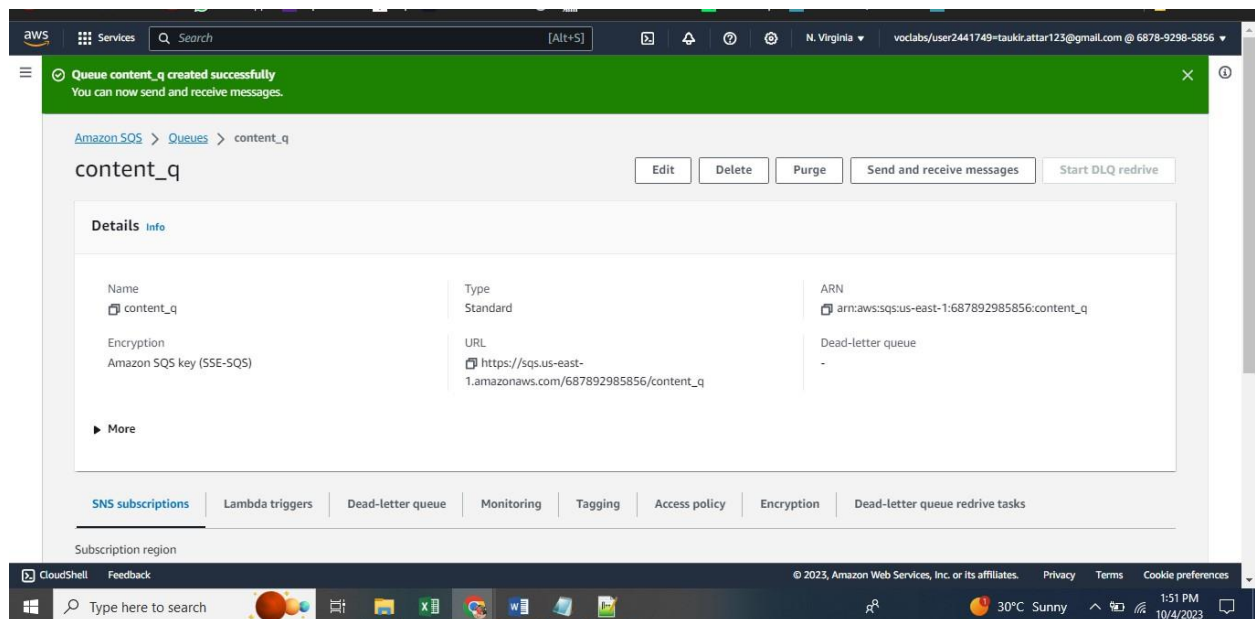
1. In the above screen shot I have created SQS topic.

2. The region is N Virginia.

3. Text field name is content_q .

4. Under the Configuration card make the following changes. 5. For the Visibility time out change the value to 10 Seconds.

6. For the Message retention period change the value to 15 Minutes.

7. For the Maximum message size change the value to 64 KB.

Access policy

In the above screen shot I have made changes in JSON script by adding my AWS acc id in the given JSON script and replace the text marked by NNNNNNNNNNN to acc id
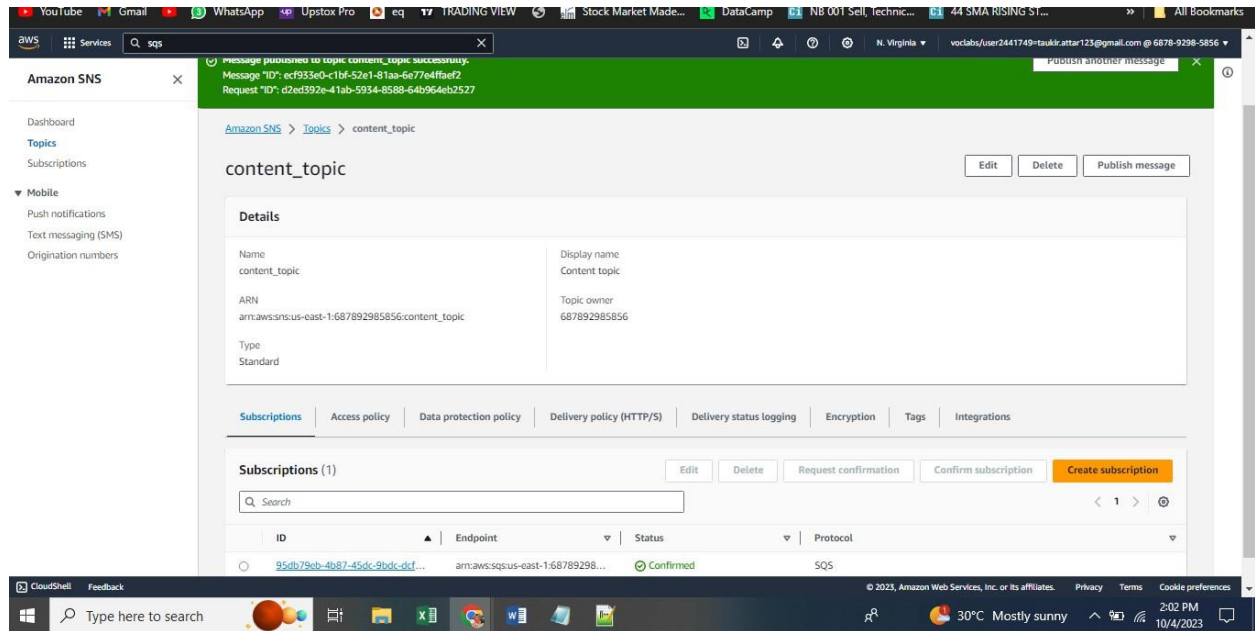
C. Hands-On: Create the subscription(SNS->SQS)
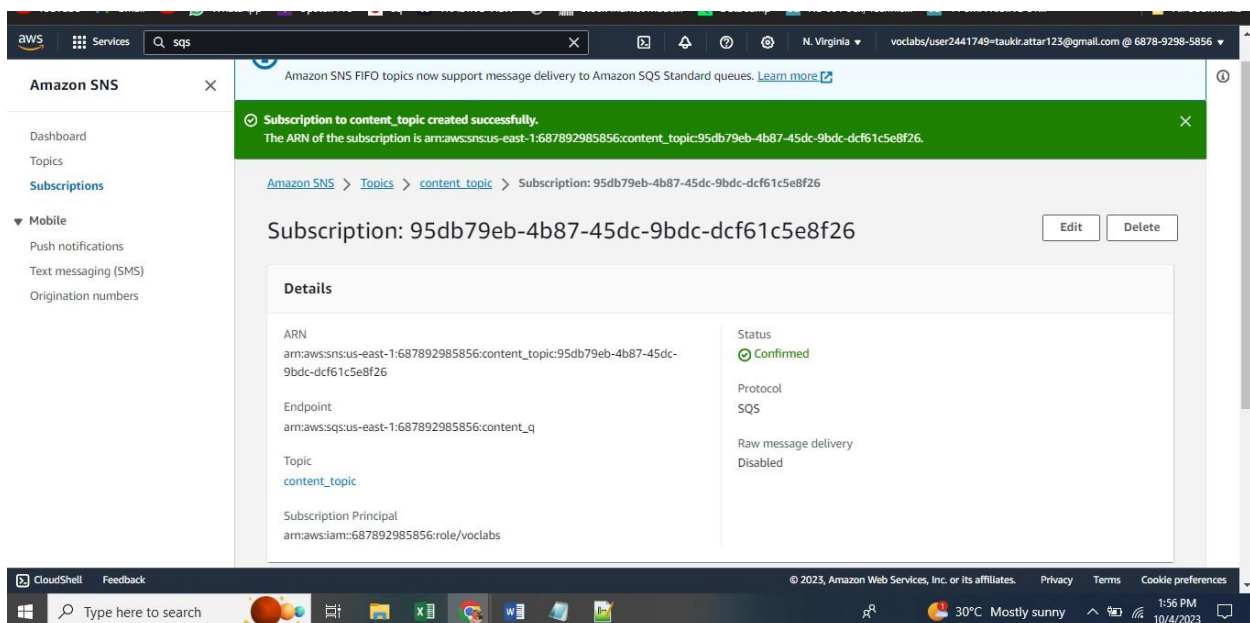
1.From The Protocol dropdown I have selected Amazon SQS.
2.Then Clicked on the End point search text field and select the arn of the content_q
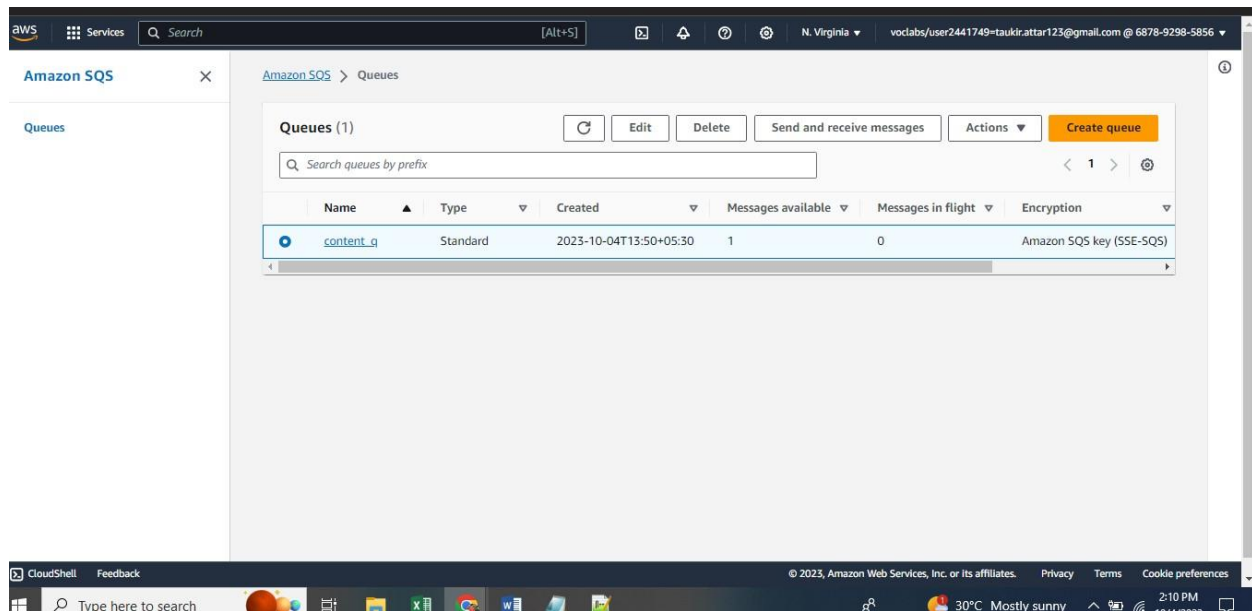3.Then Clicked on the Create subscription button

4. In the above screen shot I have created subscription between SNS and SQS

Publish message

1. To publish message the subject field name is sample.
2. The Message body to send to the end point text area is This is a sample message.
3. Once every this is created so clicked on publish message button

Message available shows 1

1. In the above screen shot I went to SQS management console tab and refresh the page

2. Notice the Message is available it shows 1 in thee message tab

B. Hands-On: Cleaning up!
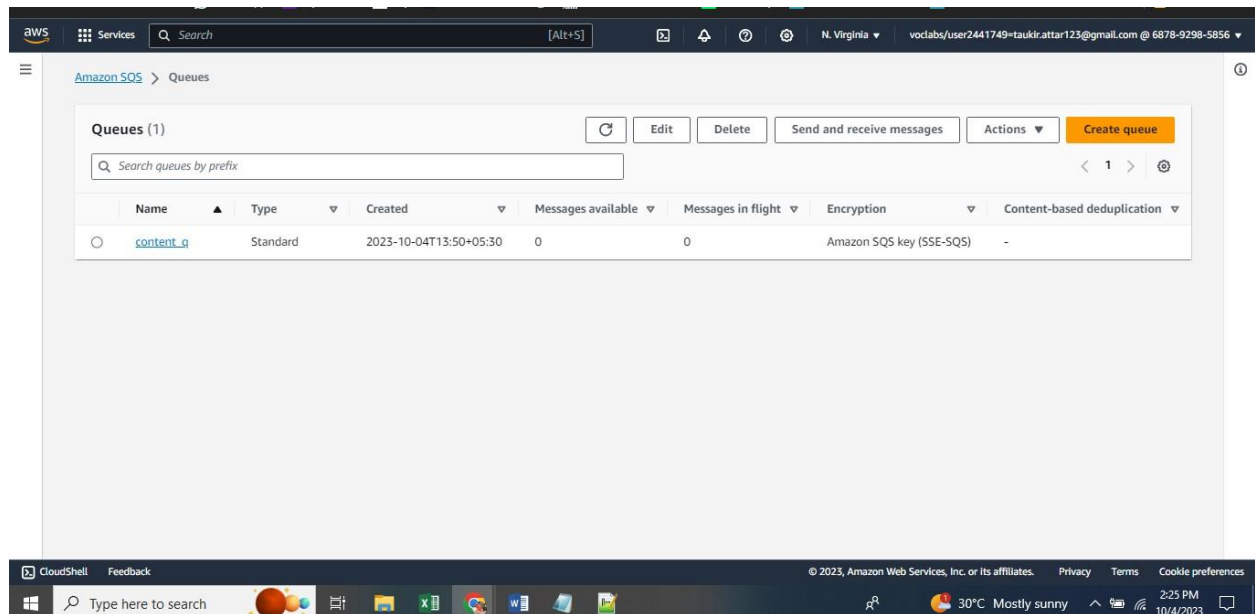
1. Went to the SQS management console, and listing the queues.
2. Then clicked on the radio to the left of the content_q and click Delete button from the top right side of the screen.
3. Type delete in the confirmation window and click Delete button.
4. Then went to the SNS management console listing the topics
5. Then clicked on the radio to the left of the content_topic and click Delete button from the top right side of the screen.
6. Type delete me in the confirmation window and click Delete button