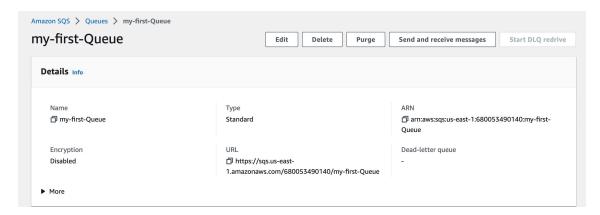
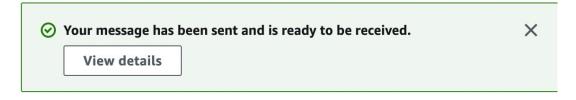
SQS

I go to SQS Dashboard and create Queue. I chose standard type named my-first-Queue. In the configuration settings, visibility timeout 30 second, message retention period 4 days, delivery delay 0, max message time 256kb, receive message wait time 0 seconds.

Acces policy basic, dead-letter queue disabled, retrieve allow policy disabled and I clicked create.



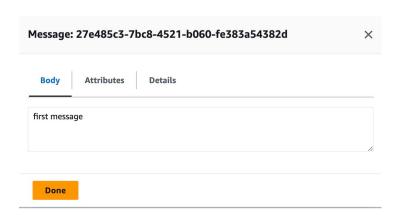
Than, I clicked send and receive messages. Message body, I typed 'first message', and send message.



Under the receive messages, poll for messages.



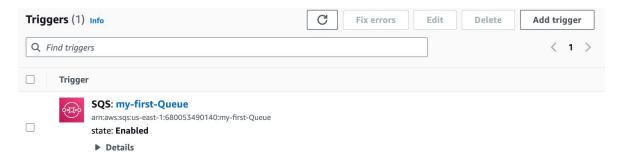
For second message; message body, I typed 'second message', and send message.



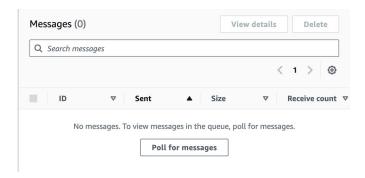
Create Lambda Function

I created function. I selected use a blueprint. Bluprint name 'Process Messages in an SQS queue. Function named sqs-poller, role named sqs-role-for-lambda. SQS queue selected under my-first-queue. I clicked on create functions.

You can see sqs; my-first-que got enabled.



Once you get back to SQS again, I sent a new message from my-first-queue and typed 'This is my first lambda message.' Sent and poll the message. The message doesn't appear on SQS because Lambda took the message.



Where can we see the message?
Cloudwatch> Logs>Log Groups> /aws/lambda-sqs-poller

```
▼ 2023-06-30T10:21:32.577-04:00 2023-06-30T14:21:32.577Z 4193dd3c-5

2023-06-30T14:21:32.577Z 4193dd3c-5f51-5c84-
977b-8024b876d3a5 INFO SQS message
7ebbc914-b510-4ba8-bb07-e2565f779af1: "This is my first lambda message."
```

SNS

Part 1

Creating Topic, Subscription and Publishing Message

Create Topic

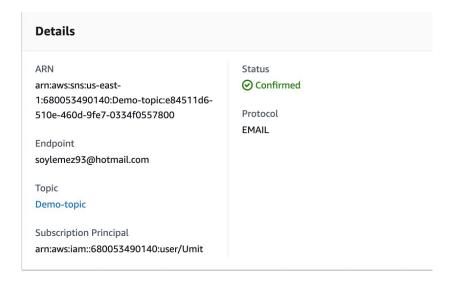
I go to SNS service and clicked Topics, create topic. Type: standard, name: demo-topic, display name: My-First_topic under the Details section.I clicked create.

Create Subscription

I clicked to create subscription. Topic ARN is default, Protocol: email, endpoint I put my personal email address. I hit on the create subscription.

Confirm subscription

I opened my email address, confirmed subscription and status chanced to confirmed.



Publish Message

I selected Topics and clicked on Demo-topic. I clicked Publish message; subject: sns-test, time to live(TTL): -.

Message structure: Identical payload for all delivery protocols, I typed: "This is a test message for sns inclass session". I clicked Publish message. In my email notification, I received this:

