Cloud Computing Lab 4 Report

PES1201800366

Aditeya Baral
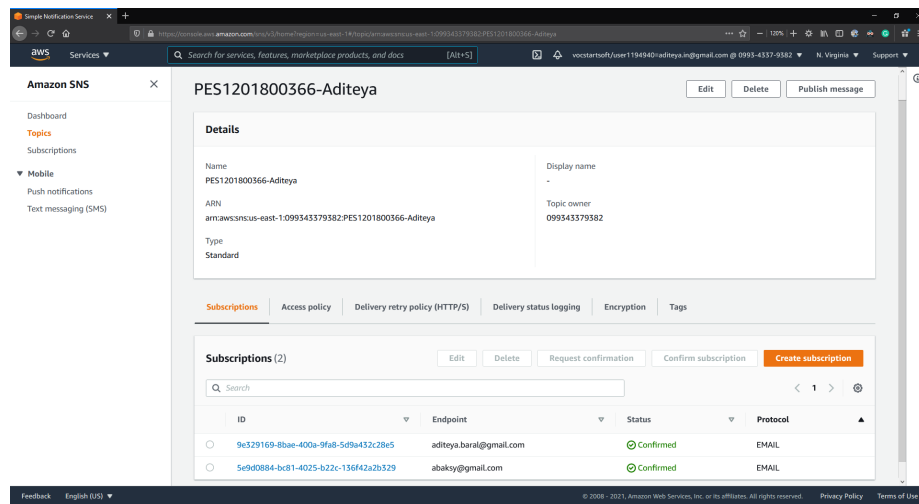
1   AWS Simple Notification Service − SNS

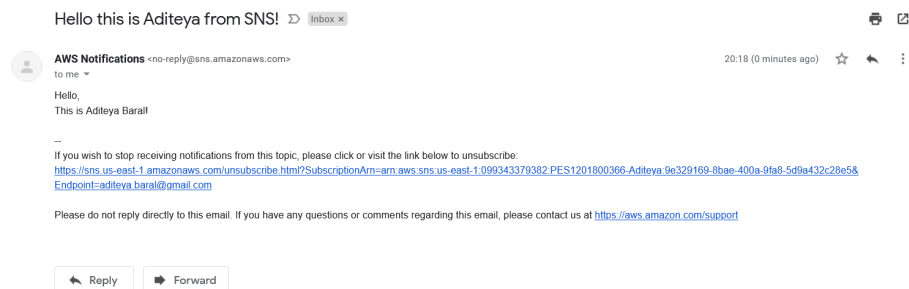Figure 1: Creation of 2 SNS Subscriptions

Figure 2: Notification received on email
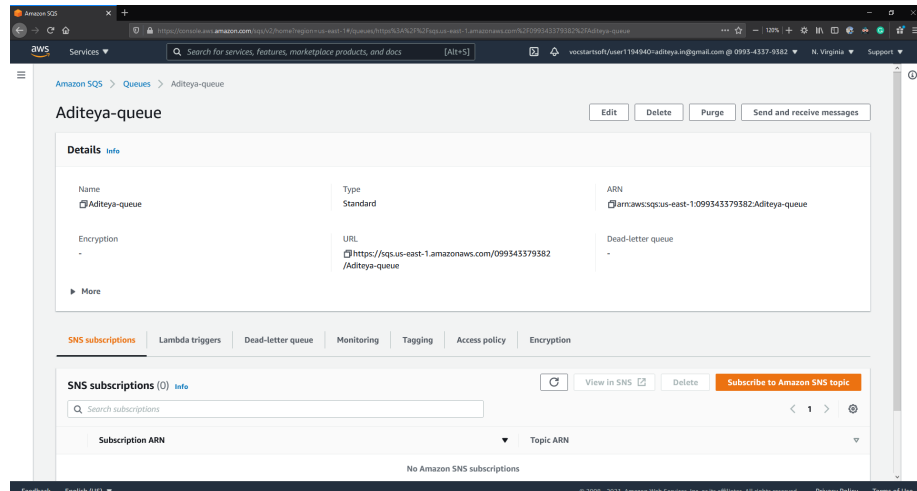
2 AWS Simple Queuing Service – SQS

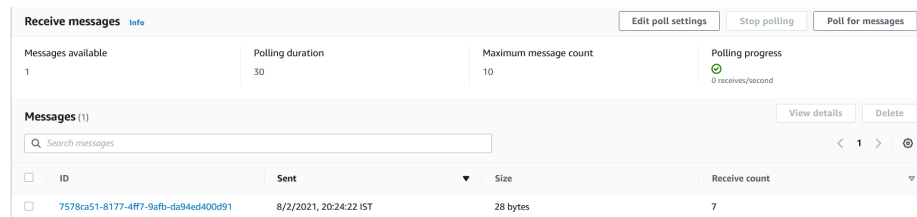Figure 3: Creation of Standard Queue

Figure 4: Multiple receive count after Polling Messages

3   Deploying AWS SNS and SQS Together

Message: 2501ff80-f699-4330-a4d0-f54b99228b99   ✕

    Details   **Body**   Attributes

{
  "Type": "Notification",
  "MessageId": "d7cceb36-9969-5fc1-a388-b3adcde28569",
  "TopicArn": "arn:aws:sns:us-east-1:099343379382:PES1201800366-Aditeya",
  "Subject": "Hello this is Aditeya Baral from SNS",
  "Message": "From Aditeya Baral SNS to SQS",
  "Timestamp": "2021-02-08T15:01:31.183Z",
  "SignatureVersion": "1",
  "Signature":
"iuuh36jNMa3gZNtYXmM+h2QCpjXuKoxSyGURheOzHp9q3efkWTWuS4lw1wb+iH/S+GGOEqFxq64u3mcX3aQ9faa7+
YAE577DtpfOMB
/UNak0nsUxY7kqpKy4F024s5pODvhFqZ79k3UUyvOI15s8DXM15rznBI3XYynrtKwU1BDCU2r75zuvwF2T3X4EQEgT
KWCh7nF4AgmALan02tq6RQYGuJ6JBswQgOEi0SLih5Jw4DuDasAGzT0kLMKrHe70pMzFMPflqzXHc2j6ljtWEqC4ZW
gaUEPwHTvsqY+QRRjfUt67ubIQrovq25pEe7fPcpE6ToYlJM+oWxp35YeqoA==",
  "SigningCertURL": "https://sns.us-east-1.amazonaws.com/SimpleNotificationService-
010a507c1833636cd94bdb98bd93083a.pem",

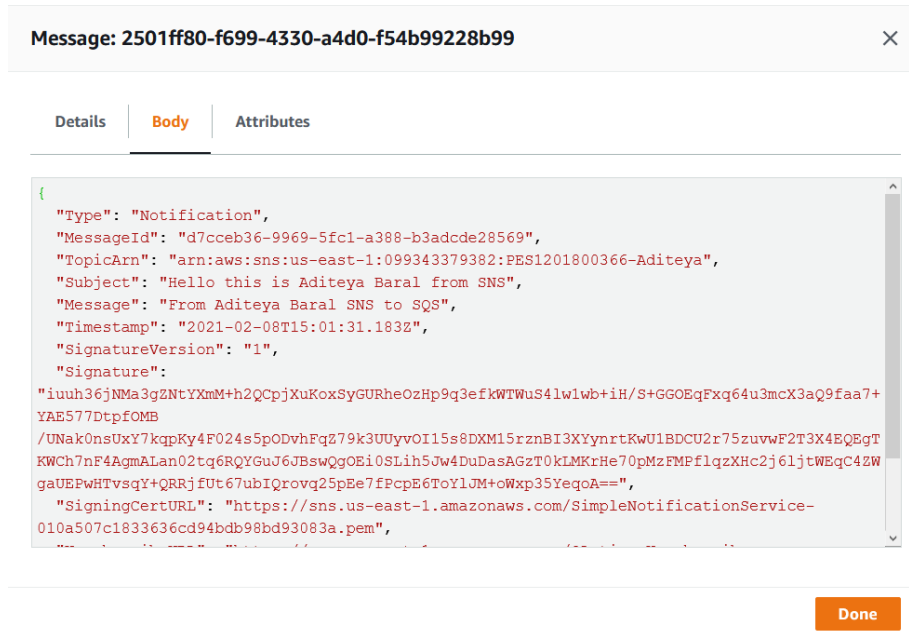   **Done**

Figure 5: JSON object received in SQS Queue from SNS