

SOLUTIONS ARCHITECTING ON CLOUD

(20CS3235AA)

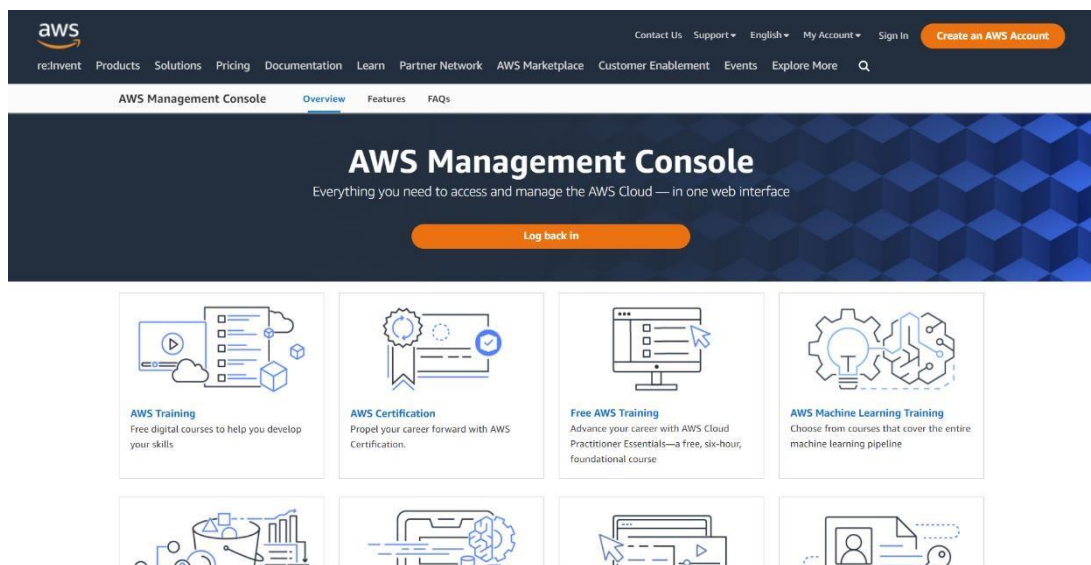
Labs-7

Name: K. VENKATA SREE SAI

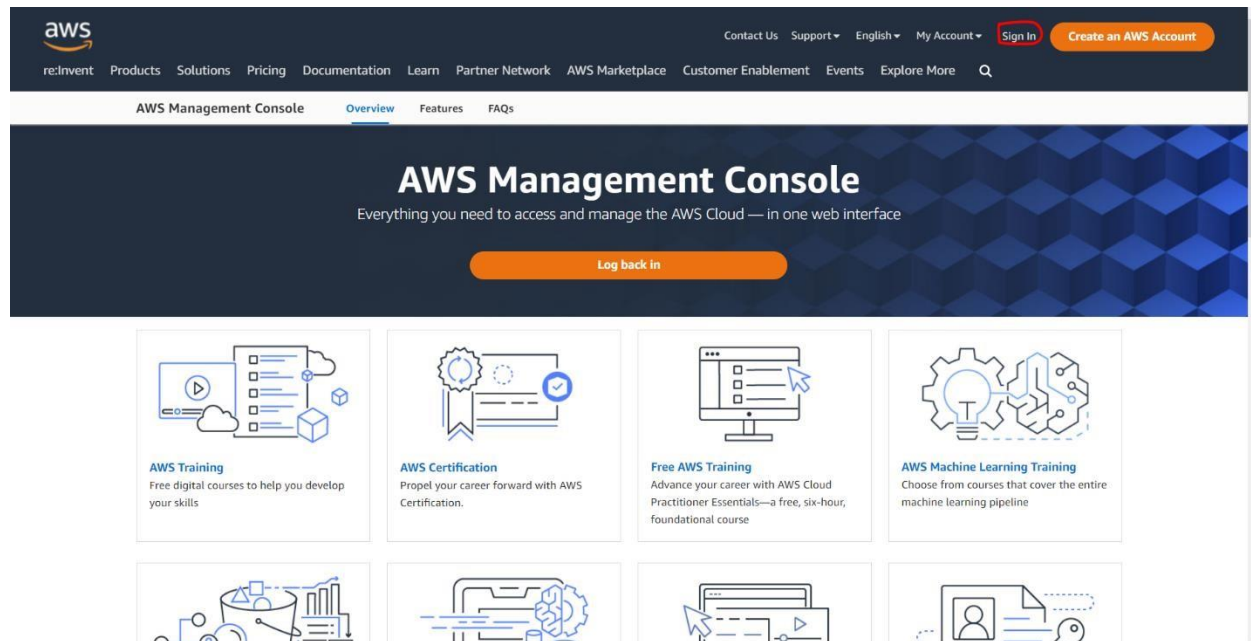
ID:2000030439

Trigger events and notifications in cloud watch using SNS.

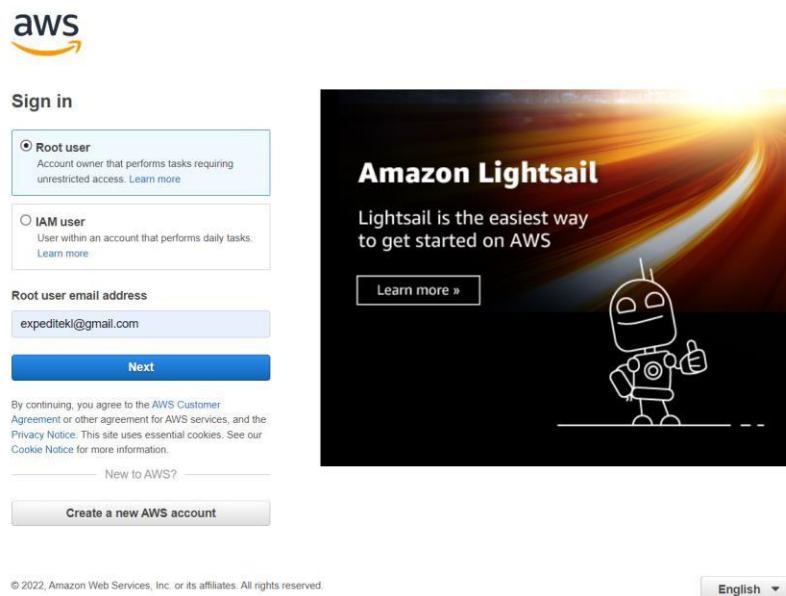
Step-1: Go to Google Browser and type [AWS \(Amazon Web Services\) Management Console](https://aws.amazon.com/console/).



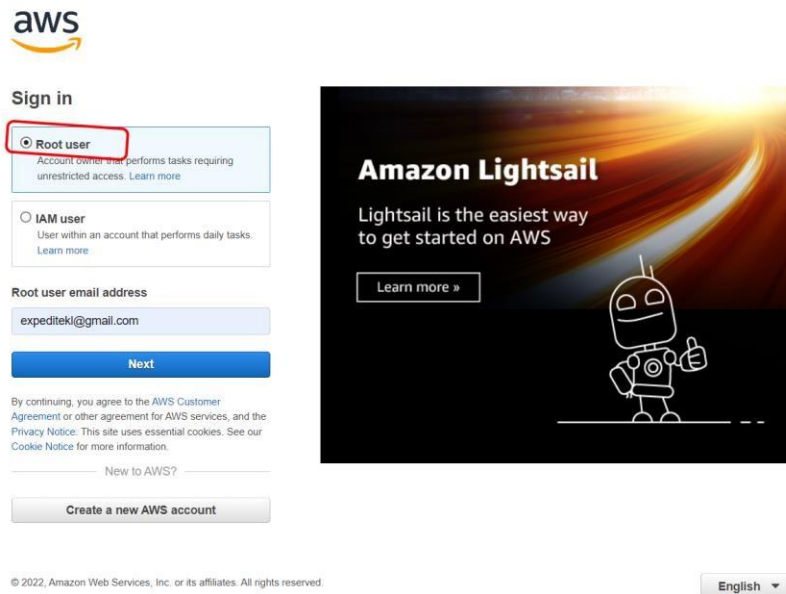
2: After That If you having an account in [Aws management console](#) then click on [Sign-in](#) option.



Step-3: After it will redirect to [aws sign-in](#) portal.

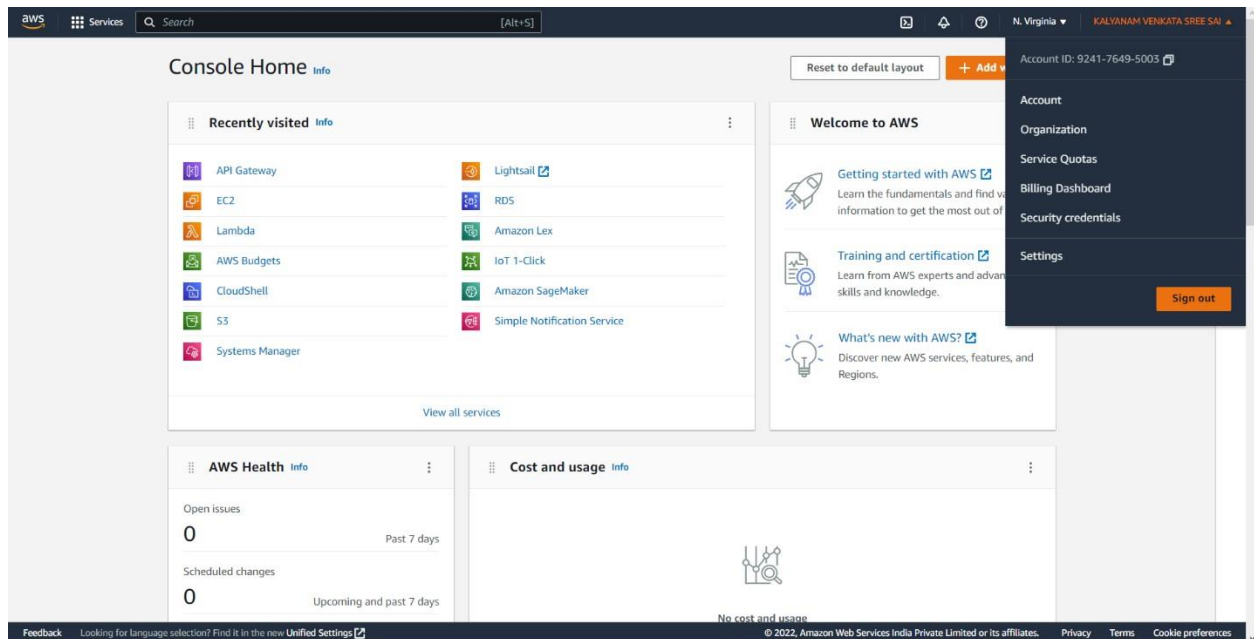


4: Sign-in with your root account only

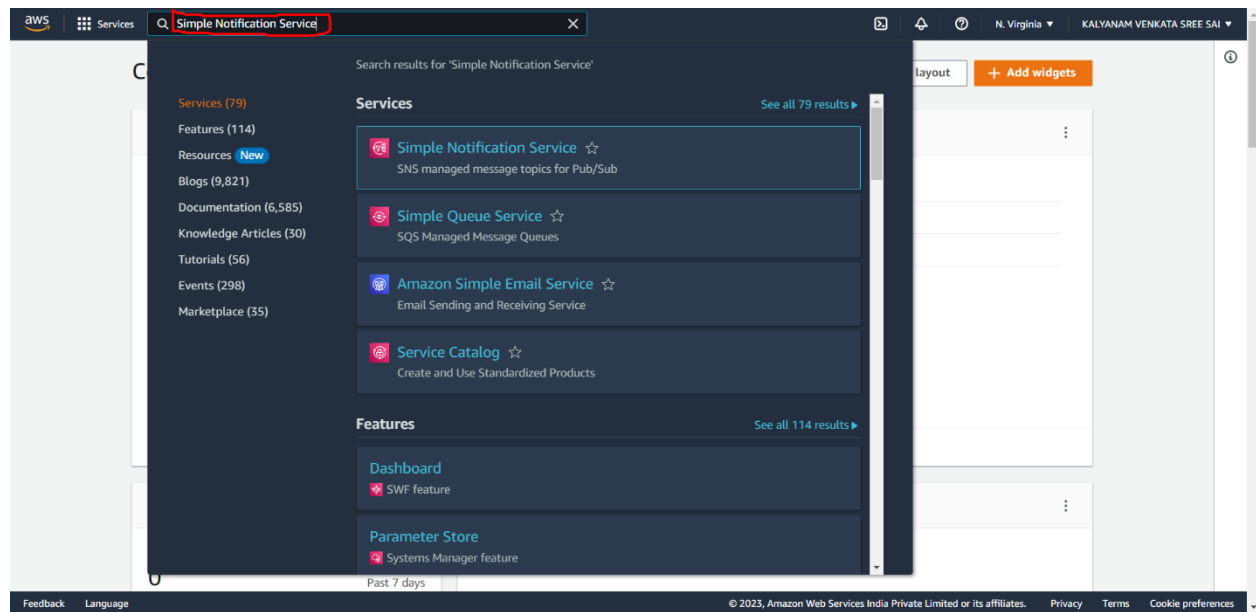


The image shows the AWS sign-in page. On the left, there is a 'Sign in' section with two radio button options: 'Root user' (which is selected and highlighted with a red box) and 'IAM user'. Below these options is a text field for the 'Root user email address' containing 'expediteki@gmail.com'. A blue 'Next' button is below the email field. At the bottom of the sign-in section, there is a link 'New to AWS?' and a button 'Create a new AWS account'. On the right, there is a large banner for 'Amazon Lightsail' with the text 'Lightsail is the easiest way to get started on AWS' and a 'Learn more »' button. The banner features a stylized robot character. At the very bottom of the page, there is a copyright notice '© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.' and a language dropdown menu set to 'English'.

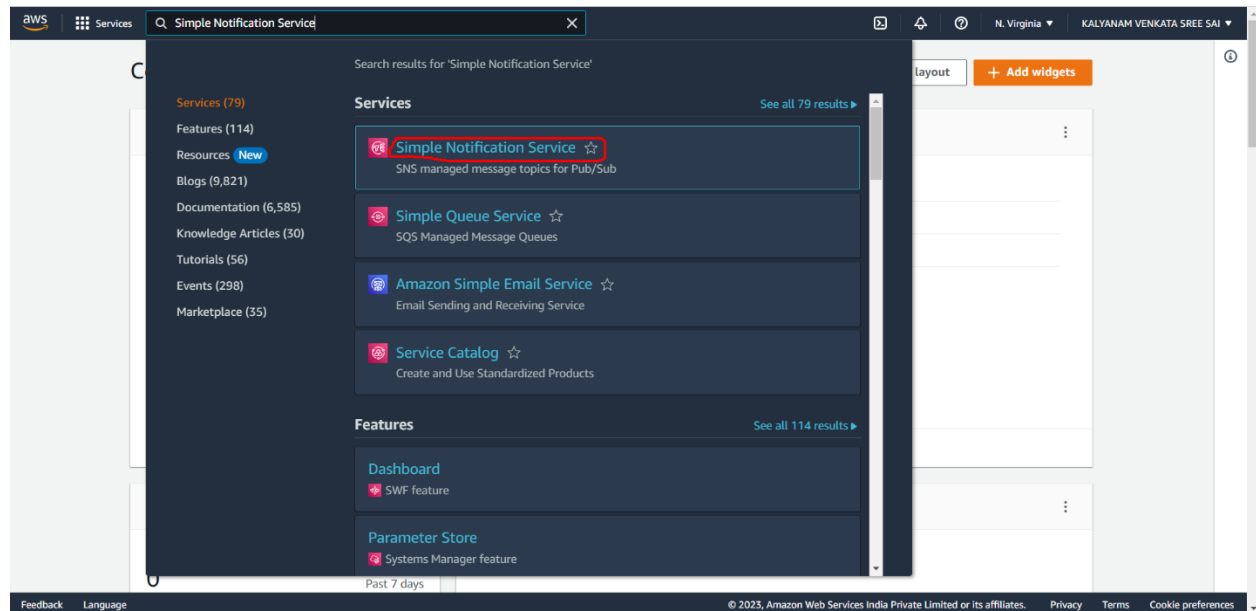
Step-5: After Sign-in the aws management console look like the below image.



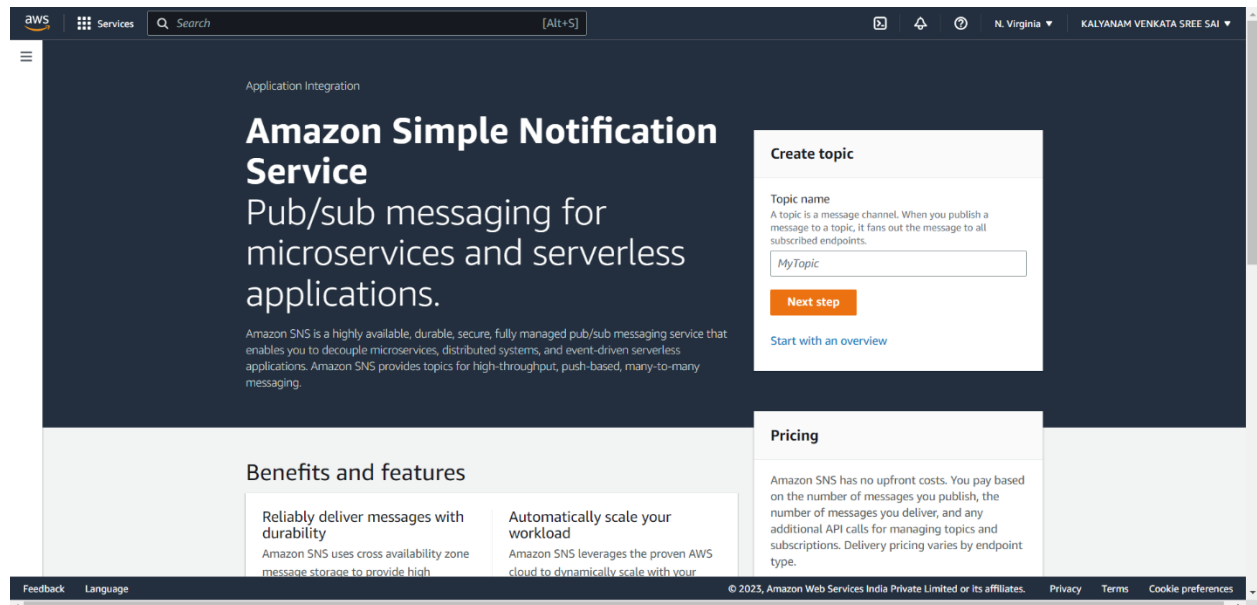
Step-06: Go through the search bar and type “Simple Notification Service”.



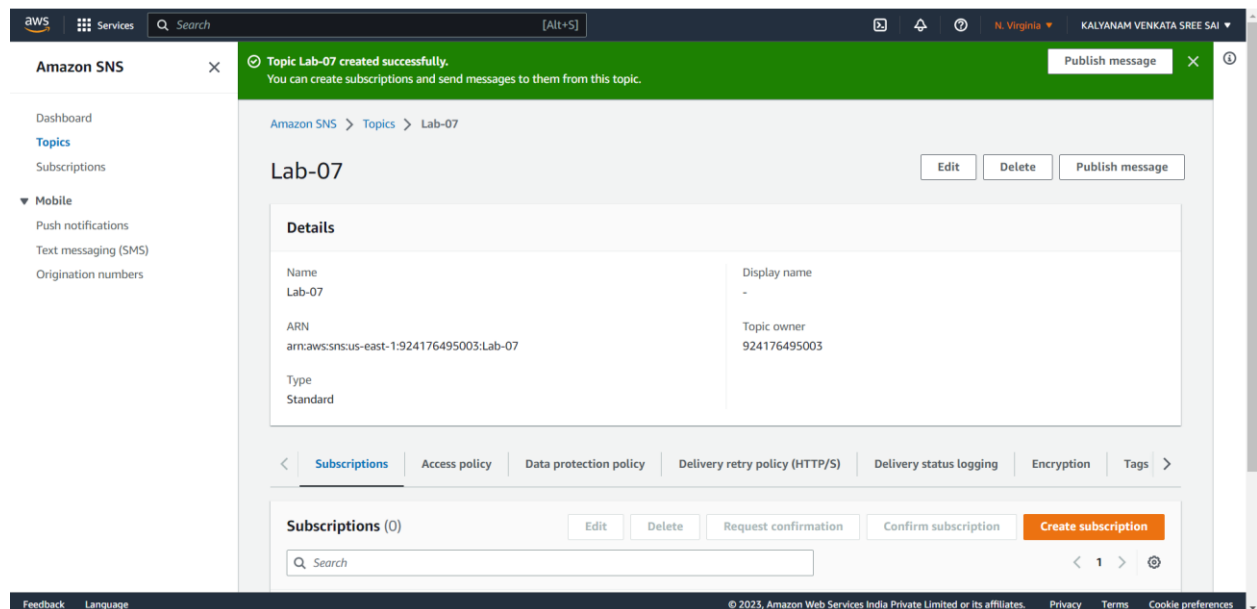
Step-7: Select the First service from the listed below.



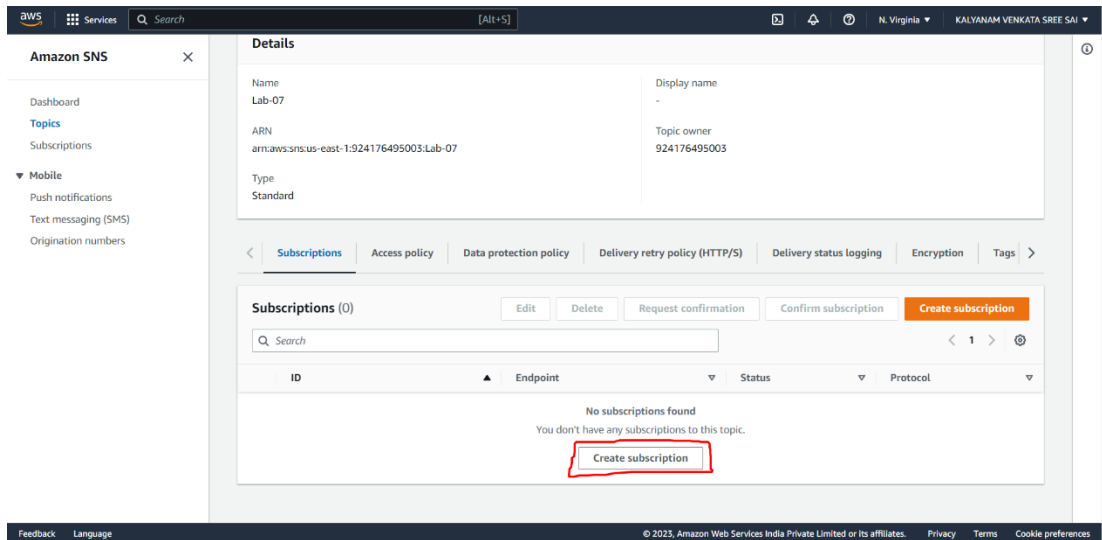
Step-8: After clicking the First Service The console will look like.



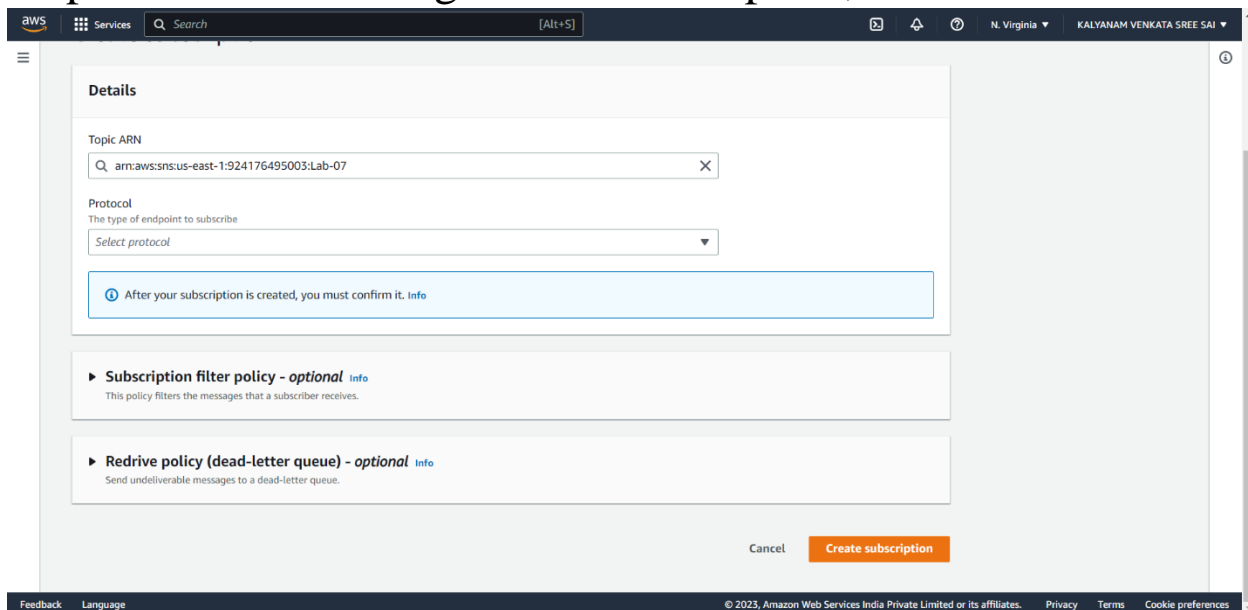
Step-9: Create Topic with name “Lab-07”.



Step-10: Click On the Button “Create Subscription”.



Step-11: After Clicking on the Subscription, it will look like.



Step-12: In the protocol Section Select the “Email” then add any email to the Endpoint.

Create subscription

Details

Topic ARN
arn:aws:sns:us-east-1:924176495003:Lab-07

Protocol
The type of endpoint to subscribe

- Email
- Amazon Kinesis Data Firehose
- Amazon SQS
- AWS Lambda
- Email
- Email-JSON
- HTTP
- HTTPS
- Platform application endpoint
- SMS

► **Redrive policy (dead-letter queue) - optional** [Info](#)
Send undeliverable messages to a dead-letter queue.

Create subscription

Details

Topic ARN
arn:aws:sns:us-east-1:924176495003:Lab-07

Protocol
The type of endpoint to subscribe
Email

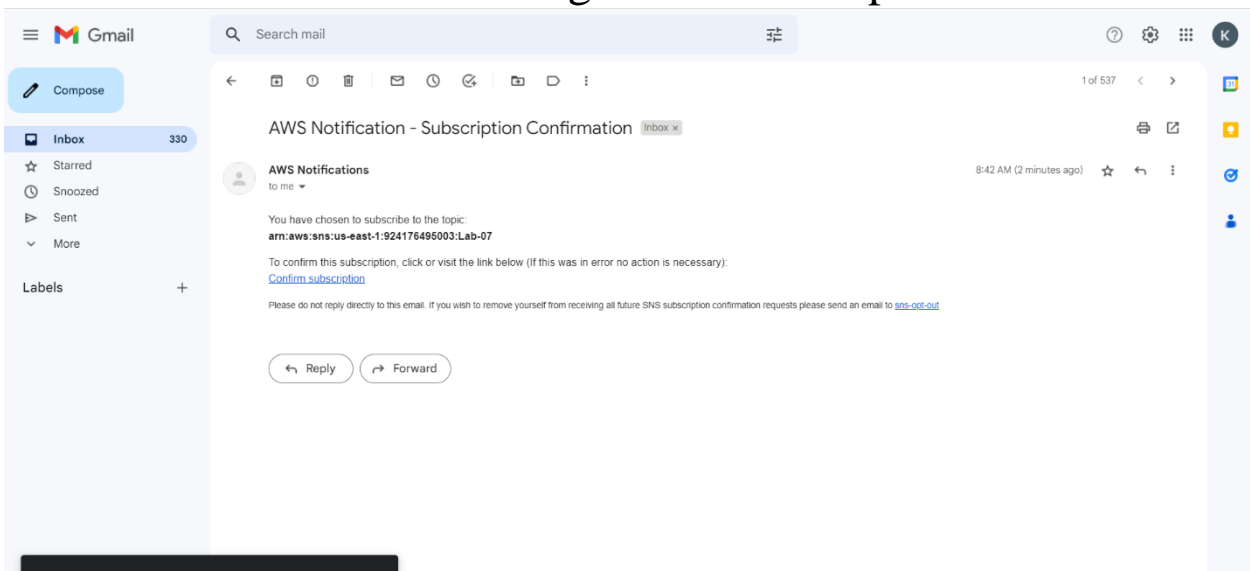
Endpoint
An email address that can receive notifications from Amazon SNS.
2000030439cse@gmail.com

After your subscription is created, you must confirm it. [Info](#)

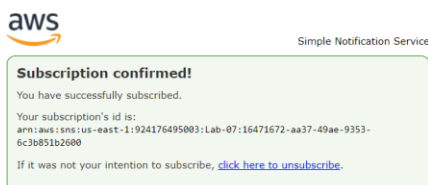
► **Subscription filter policy - optional** [Info](#)
This policy filters the messages that a subscriber receives.

► **Redrive policy (dead-letter queue) - optional** [Info](#)
Send undeliverable messages to a dead-letter queue.

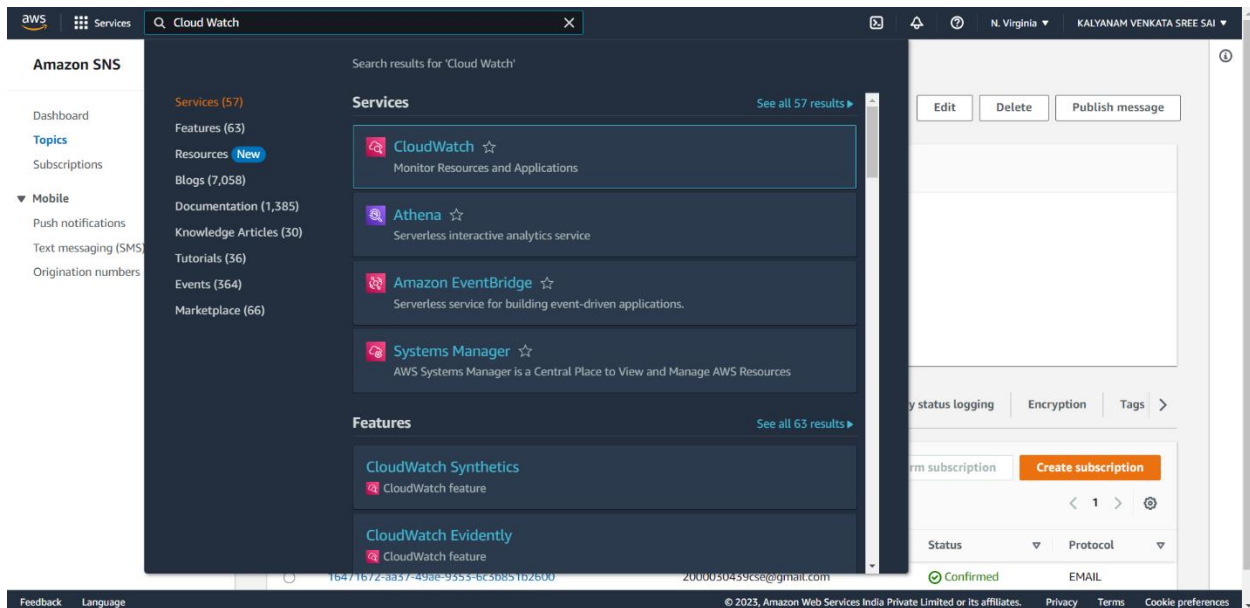
Step-13: After Creating, The Subscription after this you will an conformation mail which we gave in the Endpoint.



Step-14: Click On the Conform button to activate the SNS service.



Step-15: Go to the Search Bar And Type “Cloud Watch” and select first one.



Step-16: After click on the “Cloud Watch” it will looks like.

