

## PROJECT-3

# Publishing Amazon SNS Messages Privately

Problem Statement:

How to secure patient records online and send it privately to the intended party

Topics:

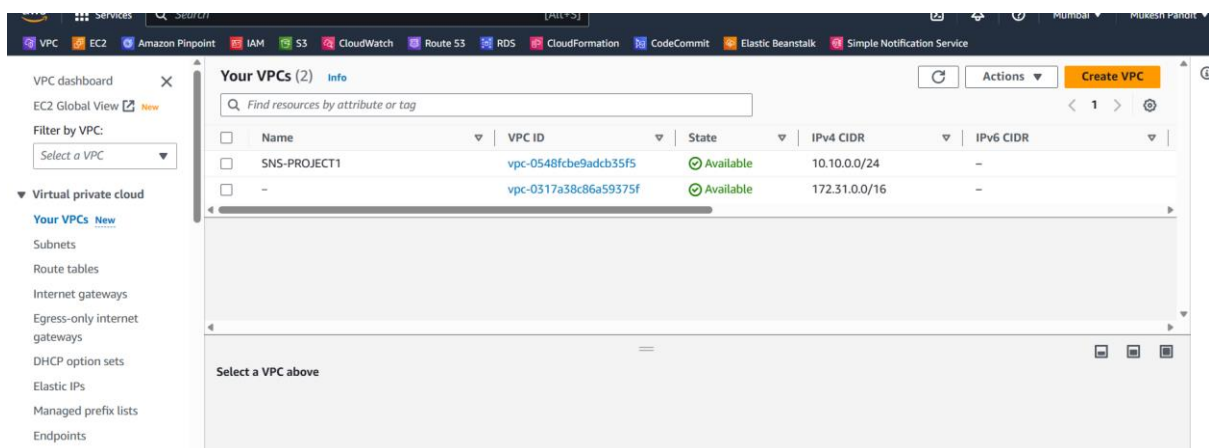
In this project, you will be working on a hospital project to send reports online and develop a platform so the patients can access the reports via mobile and push notifications. You will publish the report to an Amazon SNS keeping it secure and private. Your message will be hosted on an EC2 instance within your Amazon VPC. By publishing the messages privately, you can improve the message delivery and receipt through Amazon SNS.

Highlights:

1. AWS CloudFormation to create a VPC
2. Connect VPC with AWS SNS
3. Publish message privately with SNS

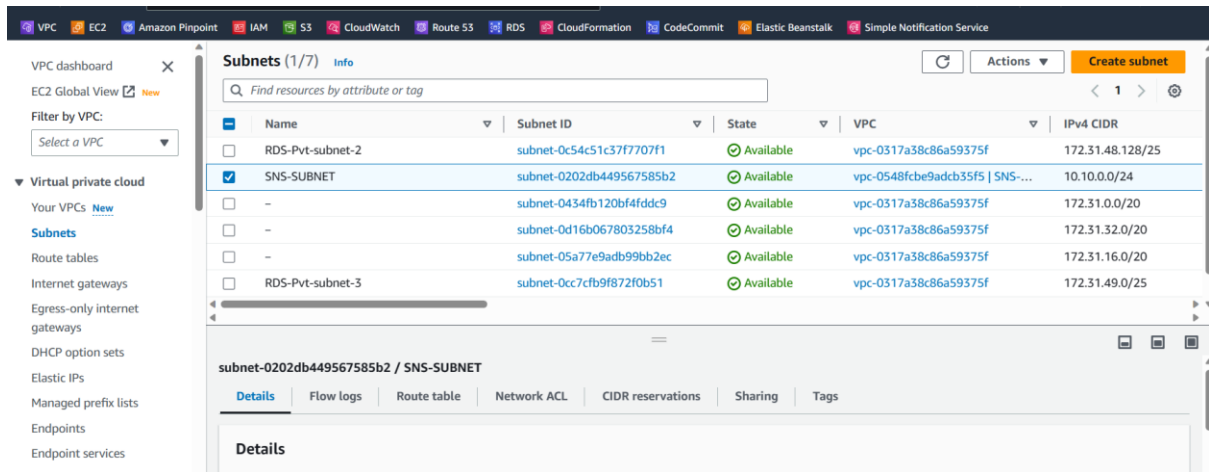
## ANSWER:-

LET GO TO VPC

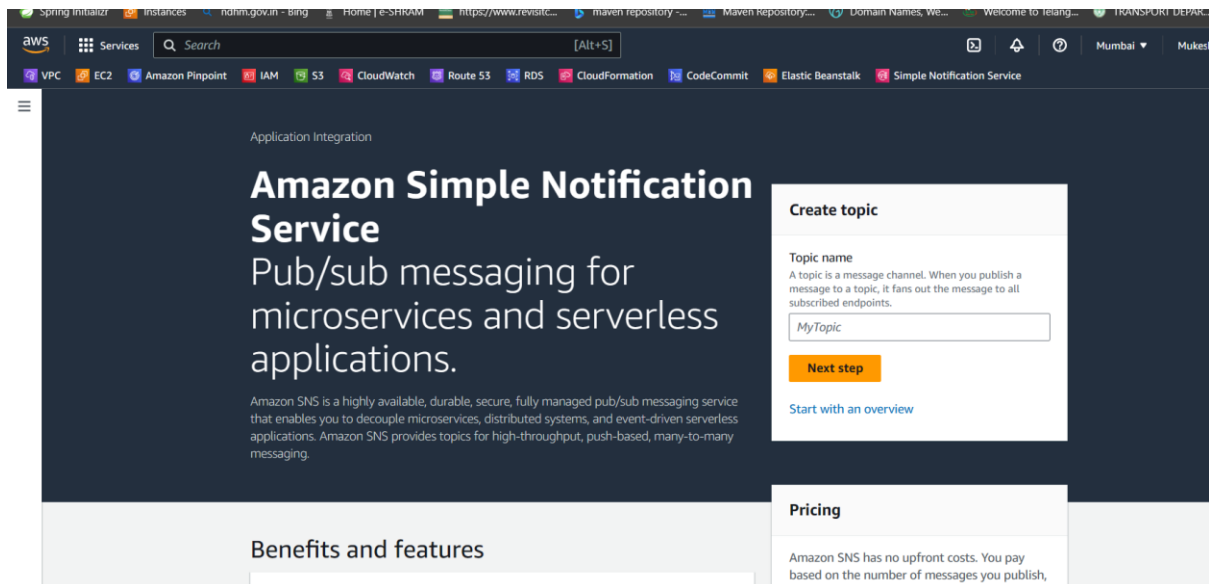


In the question ask to slove to patients records online by private

So we need to aws cloud formation open he VPC



Vpc connect with created a website in health care records



WE HAVE CREATE A SNS TOPICE.

The screenshot shows the Amazon SNS console interface. On the left, there's a navigation menu with 'Topics' selected. The main panel displays the details for a topic named 'HEALTH-CARE-RECORD'. The details include the Name, Display name, ARN, Topic owner, and Type. Below the details, there are tabs for 'Subscriptions', 'Access policy', 'Data protection policy', 'Delivery policy (HTTP/S)', 'Delivery status logging', 'Encryption', and 'Tags'. The 'Subscriptions' tab is active, showing a list of subscriptions (currently 0) and a 'Create subscription' button.

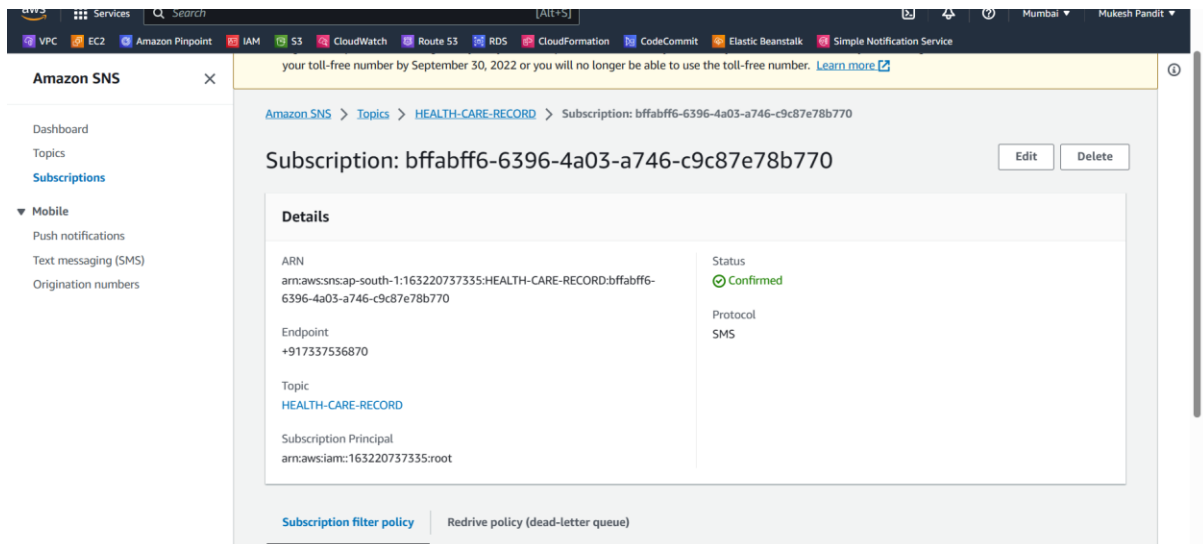
ID	Endpoint	Status	Protocol
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WE DON'T HAVE ANY WEBSITE JUST SHOW HOW WE SEND SMS IN CUSTOMER SMS

The screenshot shows the 'Add a phone number' form in the Amazon SNS console. The form is titled 'Destination details' and includes a 'Phone number' field with a dropdown for the country code (India) and a text input for the phone number. Below the phone number field, there's a 'Verification message language' dropdown menu. The form also includes a 'Cancel' button and an 'Add phone number' button.

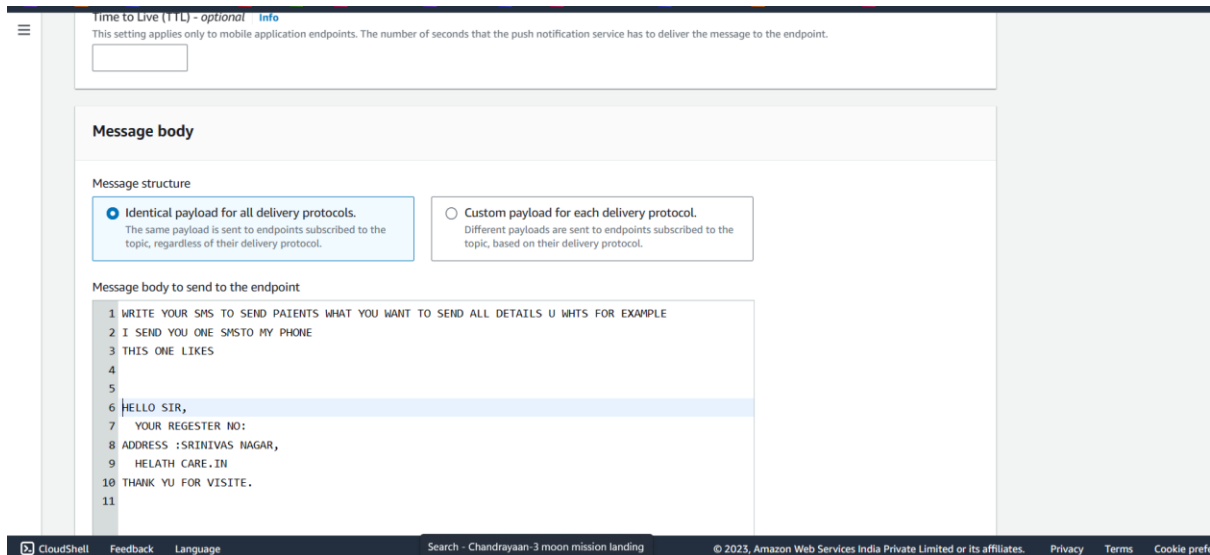
Phone number:

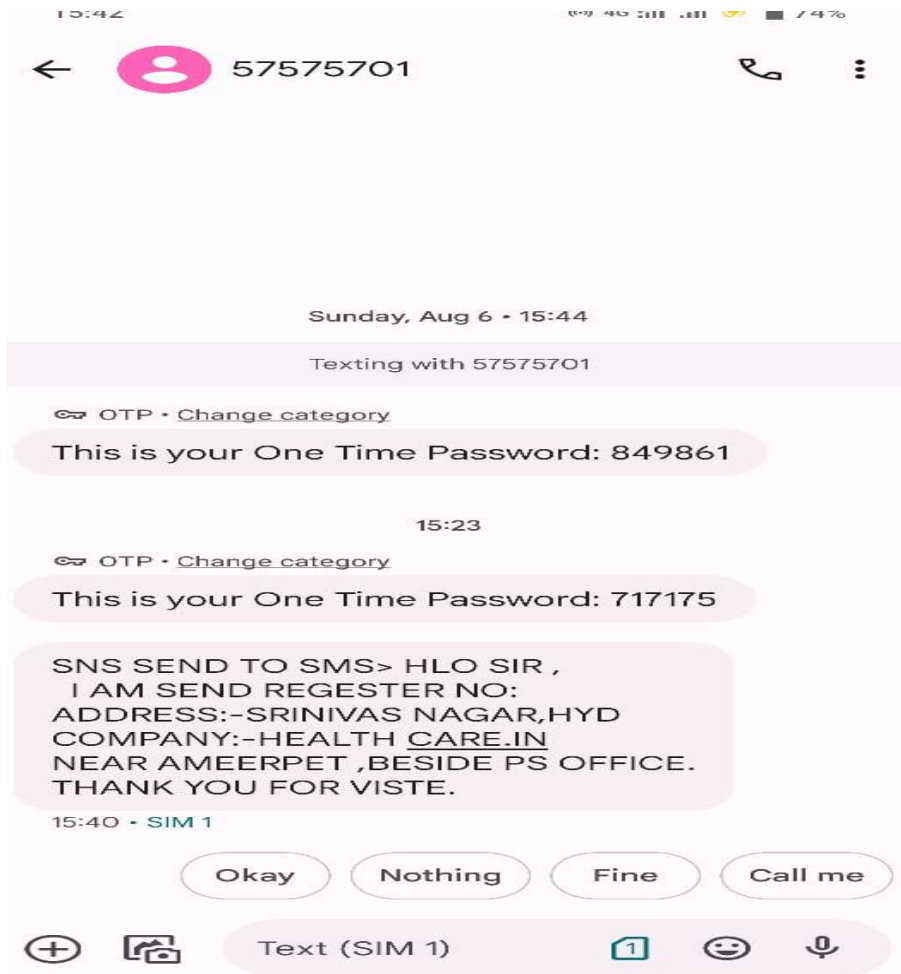
Verification message language:



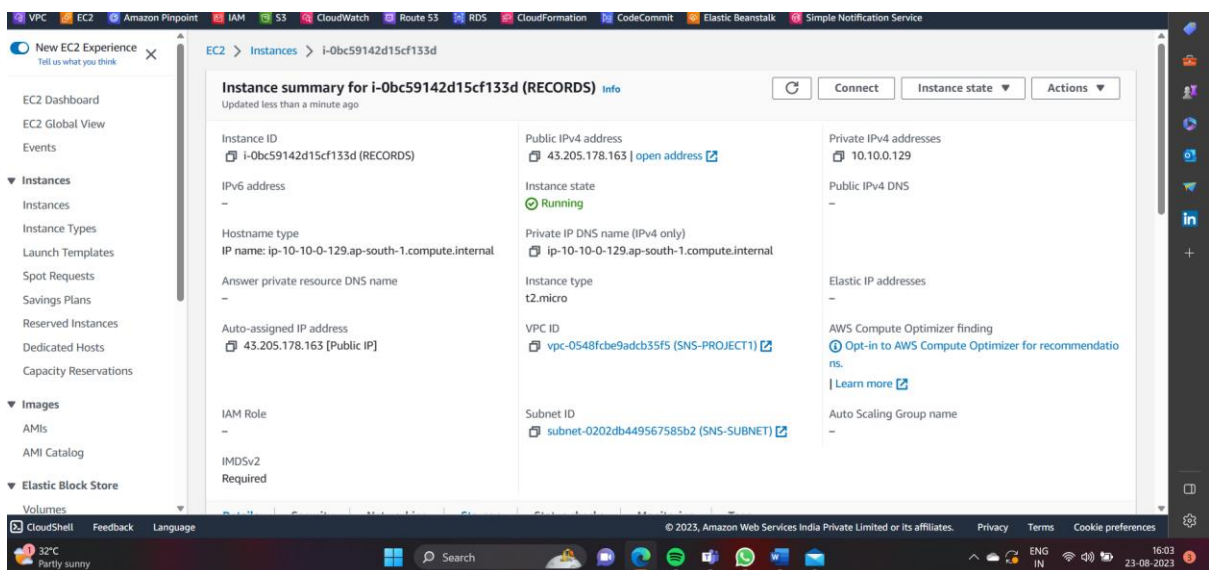
SUCCESSFUL WE CREATE SNS PHONE NUMBER LINK TO SEND

U LL GET THIS SMS TO YOU WHT U R TYPE IN TO SEND PAIENTS RECORDS OR LAB REPORTS





Afterwards go to sns topic create a vpc to message send notification and it should secured and health care application create a EC2 instance thn go to IAM polices add to SNS topic .



EC2 CONNECT TO SNS ONCE IT

LET DO

LAUNCH THE EC2 INSTANCE WITH SECURITY GROUP,IAM,GIVE PERMISSION TO SNS TOPIC TO ACCESS

DEPLOY YOUR APPLICATION RECEIVE AND PROCESS MSG FROM TOPIC

WHEN THE APPLICATION IS READY LET IT ,CONFIGURE IT SNS TOPIC AND PATIENTS REPORTS.

I DON'T HAVE ANY MOBILE APPLICATION SO I CAN DO MORE ,...ETC

THIS IS THE STEP TO PROCESS HOW THE MOBILE APPLICATION RUN IN SNS WHEN SEND TO ANY SMS  
TO IN BY USING APPLICATION

\*\*\*\*\*COMPLETE MY ASSIGNMENT\*\*\*\*\*