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Enrolment Number: 21162101007

Sub: CCE

Practical – 10[Batch-71]

Step-1: Create a topic add [Name and display msg]

ap-south-1.console.aws.amazon.com/sns/v3/home?region=ap-south-1#/create-topic

Services Search [Alt+S]

Topic type cannot be modified after topic is created

☐ FIFO (first-in, first-out)

- Strictly-preserved message ordering
- Exactly-once message delivery
- High throughput, up to 300 publishes/second
- Subscription protocols: SQS

☒ Standard

- Best-effort message ordering
- At-least once message delivery
- Highest throughput in publishes/second
- Subscription protocols: SQS, Lambda, HTTP, SMS, email, mobile application endpoints

Name

Kshitij Gupta

Maximum 256 characters. Can include alphanumeric characters, hyphens (-) and underscores (_).

Display name - optional [info](#)

To use this topic with SMS subscriptions, enter a display name. Only the first 10 characters are displayed in an SMS message.

Mahadev

Maximum 100 characters.

▼ Encryption - optional [info](#)

Amazon SNS provides in-transit encryption by default. Enabling server-side encryption adds at-rest encryption to your topic.

☐ Encryption [Learn more](#)

Enabling server side encryption adds at-rest encryption to your topic. Amazon SNS encrypts your message as soon as it is received. The message is decrypted immediately prior to delivery.

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Type here to search 24°C Haze 07:38 07-10-2024

Set default Service and create Service

ap-south-1.console.aws.amazon.com/sns/v3/home?region=ap-south-1#/create-topic

Services Search [Alt+S]

▼ Encryption - optional [info](#)

Enabling server side encryption adds at-rest encryption to your topic. Amazon SNS encrypts your message as soon as it is received. The message is decrypted immediately prior to delivery.

▼ Access policy - optional [info](#)

This policy defines who can access your topic. By default, only the topic owner can publish or subscribe to the topic.

Choose method

☒ Basic

Use simple criteria to define a basic access policy.

☐ Advanced

Use a JSON object to define an advanced access policy.

Publishers

Specify who can publish messages to the topic.

Only the topic owner

Only the owner of the topic can publish to the topic.

Subscribers

Specify who can subscribe to this topic.

Only the topic owner

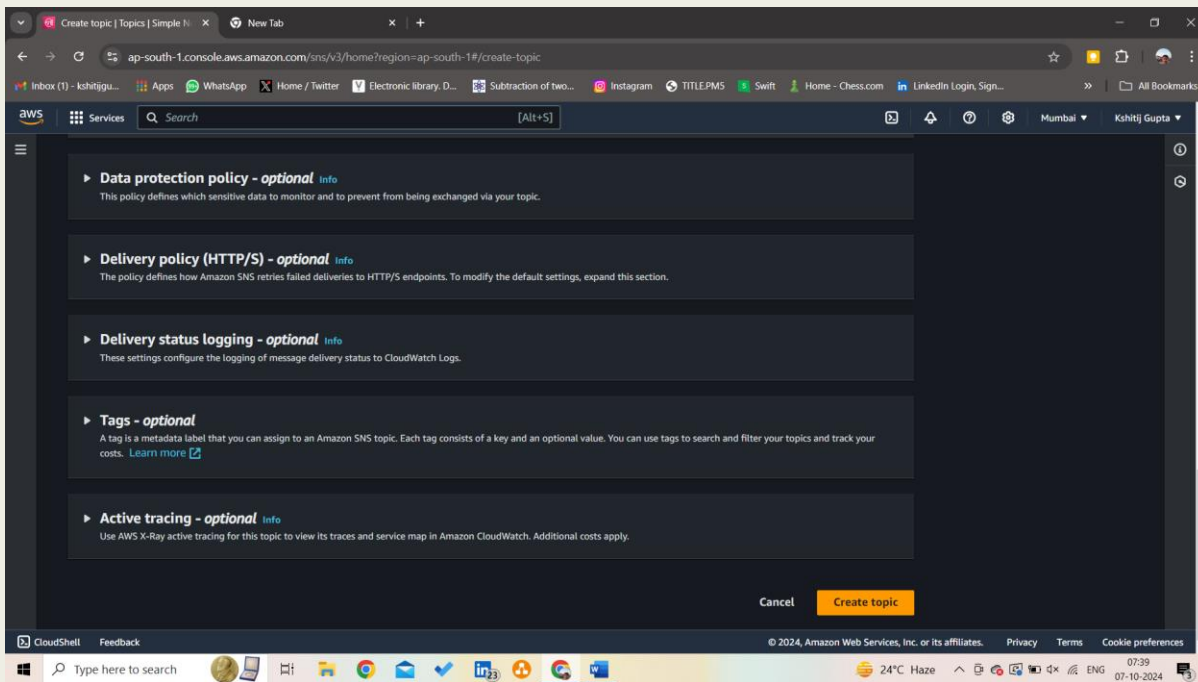
Only the owner of the topic can subscribe to the topic.

JSON preview

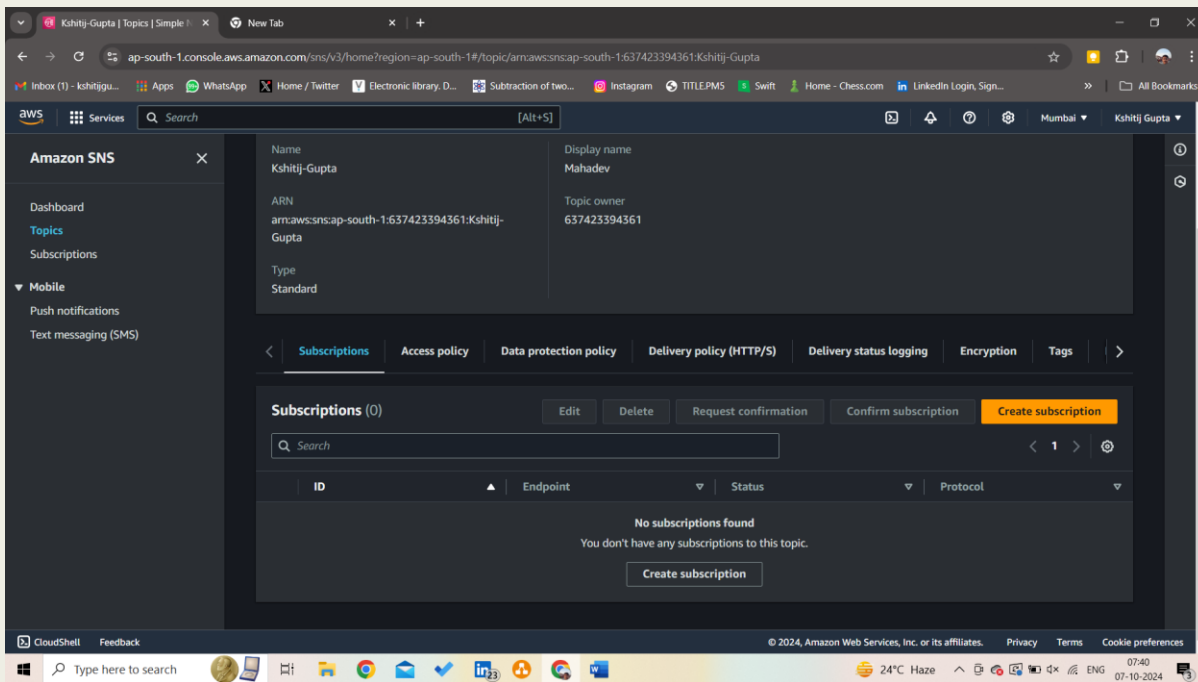
```
{
  "Version": "2008-10-17",
  "Id": "_default_policy_ID",
  "Statement": [
    {
      "Sid": "_default_statement_ID",
      "Effect": "Allow",
      "Principal": {
        "AWS": "*"
      },
      "Action": [
        "SNS:Publish"
      ]
    }
  ]
}
```

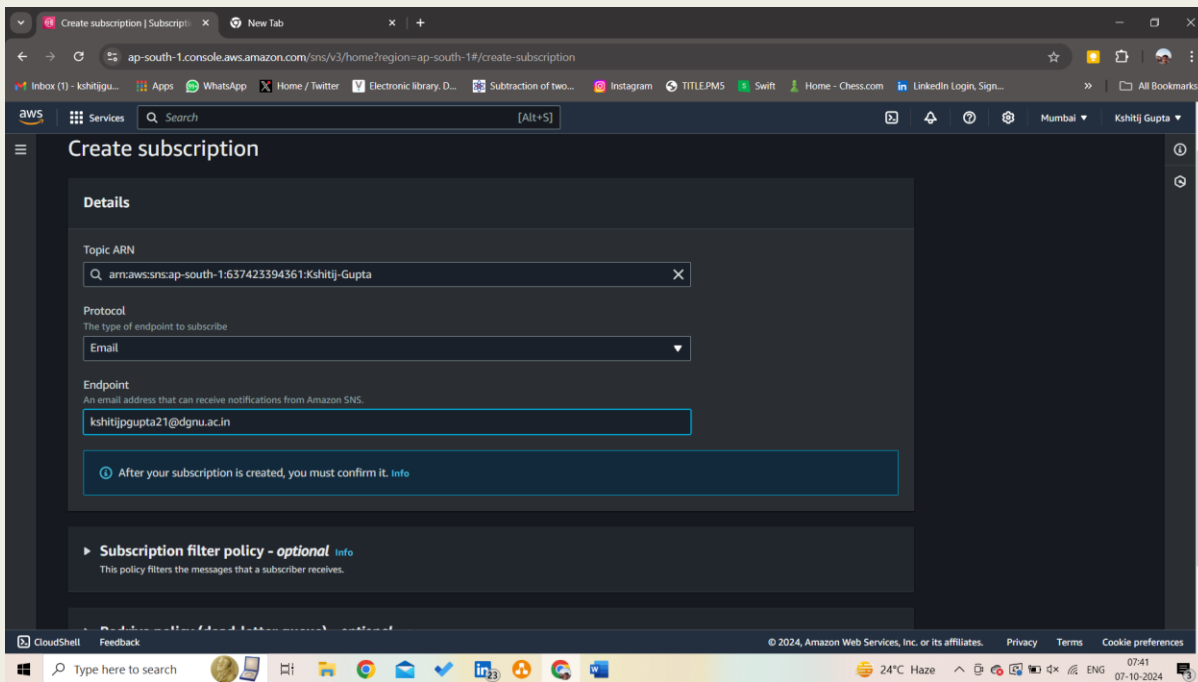
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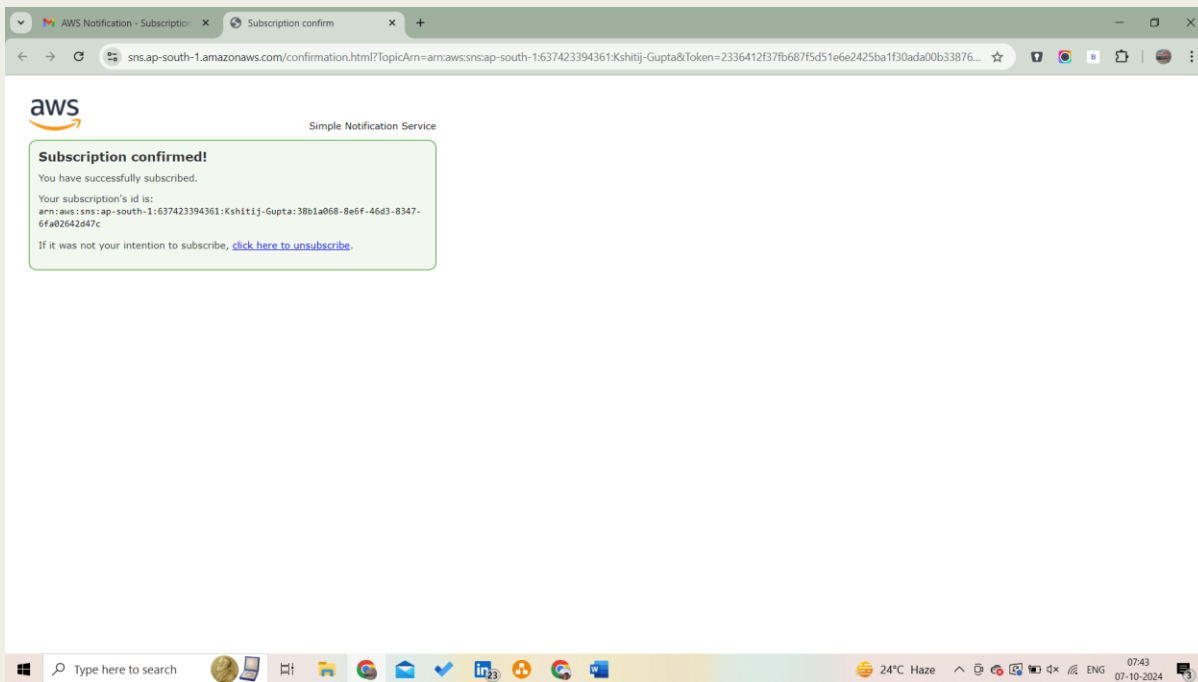


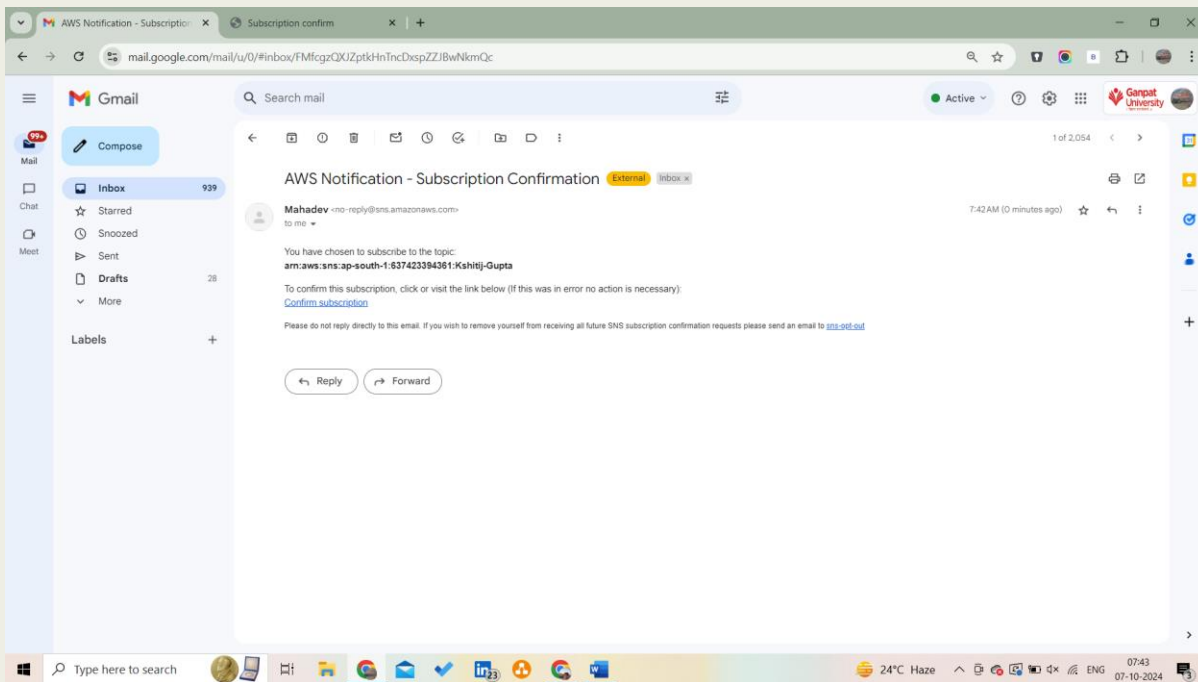
Step-2: create Subscription [EMAIL]



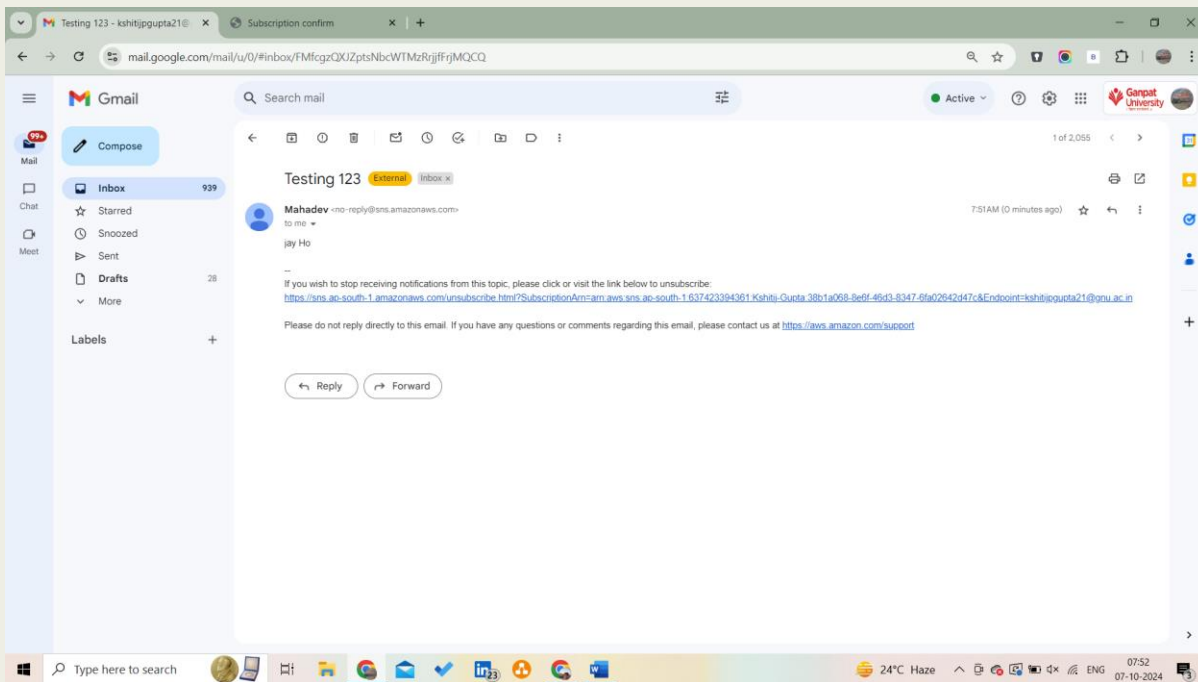


You get receive the confirmation mail from amazon





Publish the msg



SMS Notification:

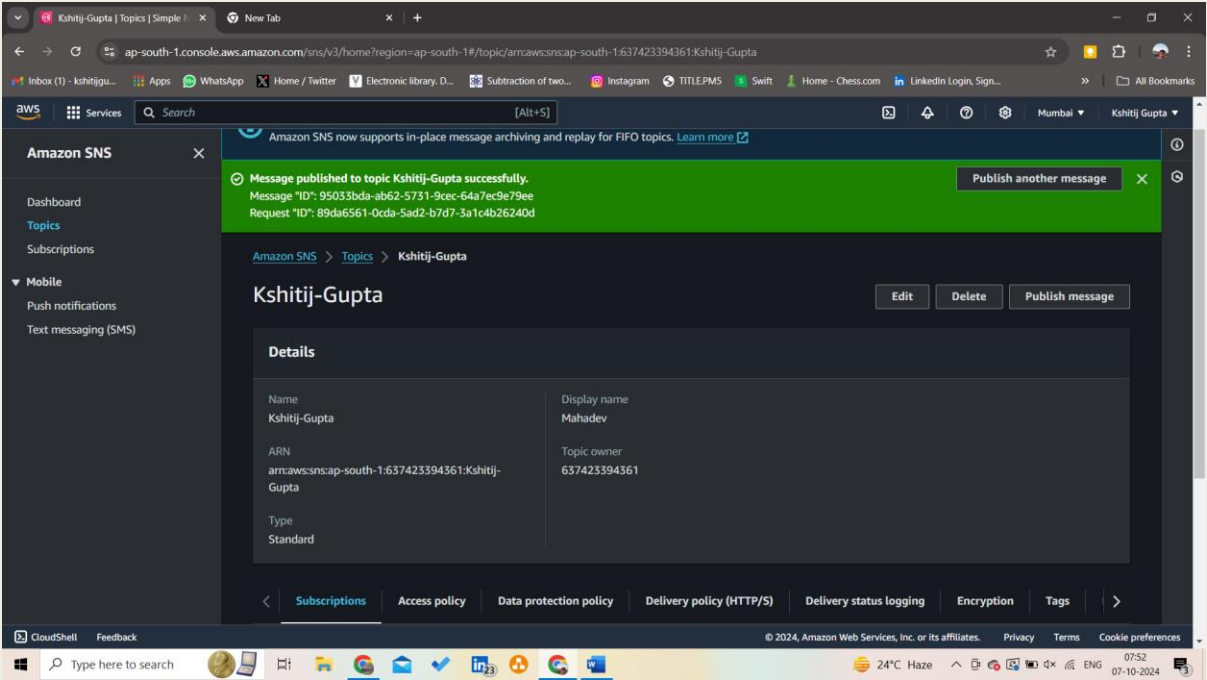
Add the Mobile Number

The screenshot shows the AWS Management Console interface for the 'Add a phone number' step in the SMS Sandbox setup. The breadcrumb navigation is 'Amazon SNS > Text messaging (SMS) > Sandbox add phone number'. The main heading is 'Add a phone number' with a subtext: 'Add a destination phone number in SMS Sandbox in order to send a test message to the specified phone number.' The 'Destination details' section contains a 'Phone number' input field with the value '+91 82386-80208' and a note: 'The phone number can have up to 20 digits, with a leading '+' and no spaces or hyphens (-)'. Below it is a 'Verification message language' dropdown menu set to 'English (United States)' with a note: 'The language the verification message will be sent in.' At the bottom right of the form are 'Cancel' and 'Add phone number' buttons. The footer of the console shows '© 2024, Amazon Web Services, Inc. or its affiliates.' and the user's location 'Mumbai'.

Verify it

The screenshot shows the AWS Management Console interface for the 'Verify phone number' step in the SMS Sandbox setup. The breadcrumb navigation is 'Amazon SNS > Text messaging (SMS) > Sandbox verify phone number'. The main heading is 'Verify phone number' with a subtext: 'Verify a destination phone number in SMS Sandbox in order to send a test message and verification code.' The 'Details' section contains a 'Phone number' input field with the value '+918238680208' and a note: 'The phone number can have up to 20 digits, with a leading '+' and no spaces or hyphens (-)'. Below it is a 'Verification code' input field with the value '123321' and a note: 'Enter a string of 5-8 digits.' At the bottom right of the form are 'Cancel', 'Resend verification code', and 'Verify phone number' buttons. The footer of the console shows '© 2024, Amazon Web Services, Inc. or its affiliates.' and the user's location 'Mumbai'.

Publish the msg both SMS + Email



SMS Received in Mobile

