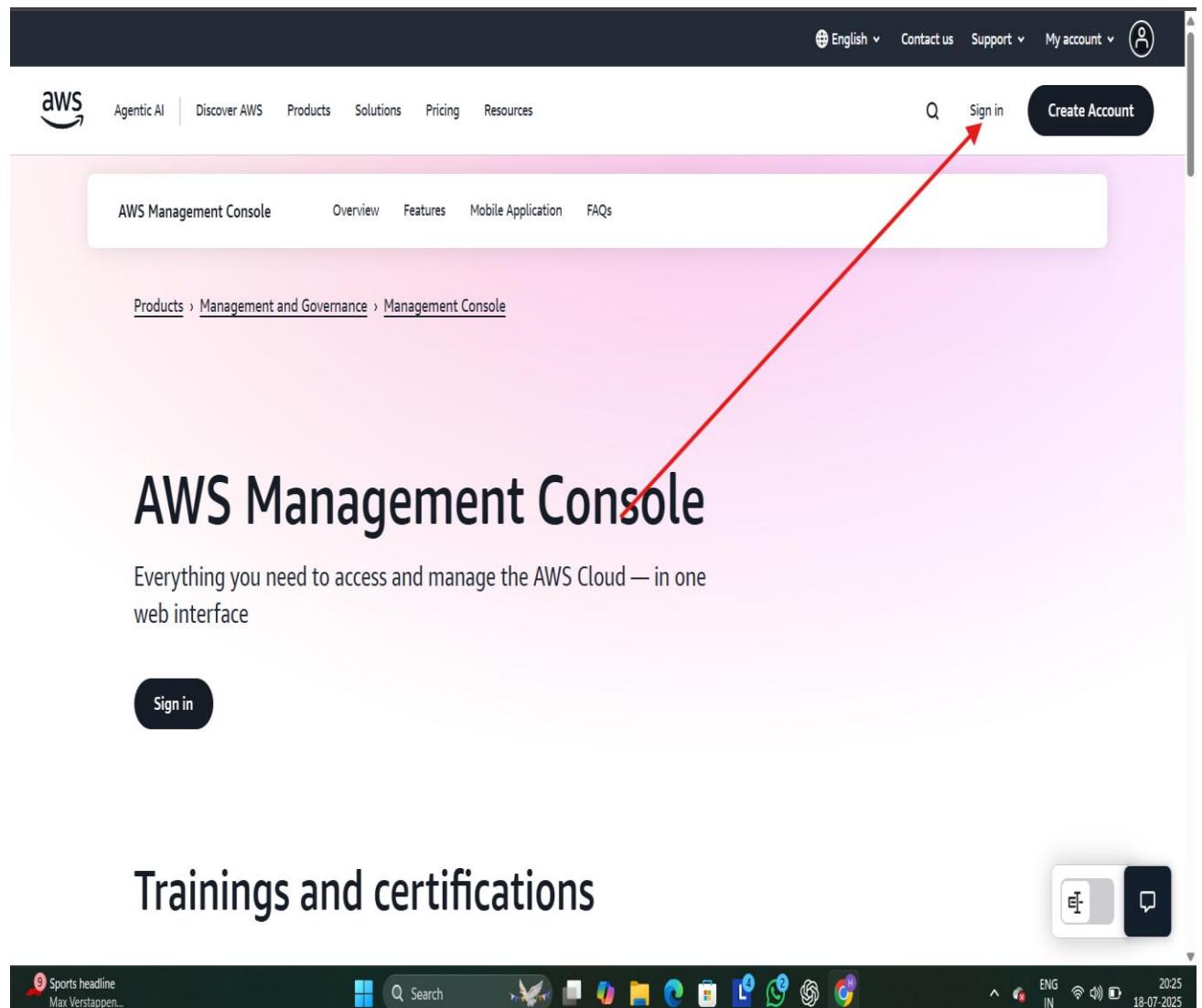


# Step-by-Step Guide to Publish a Message Using SNS (Email & SMS) in AWS

## Step 1 – Login to AWS Console

Go to <https://aws.amazon.com> and **sign in** to your AWS account.

- If you don't have an account, click on “**Create an AWS Account**” and follow the instructions to complete signup.
- Once logged in, search for “**SNS**” in the AWS Management Console search bar and select “**Simple Notification Service**”.

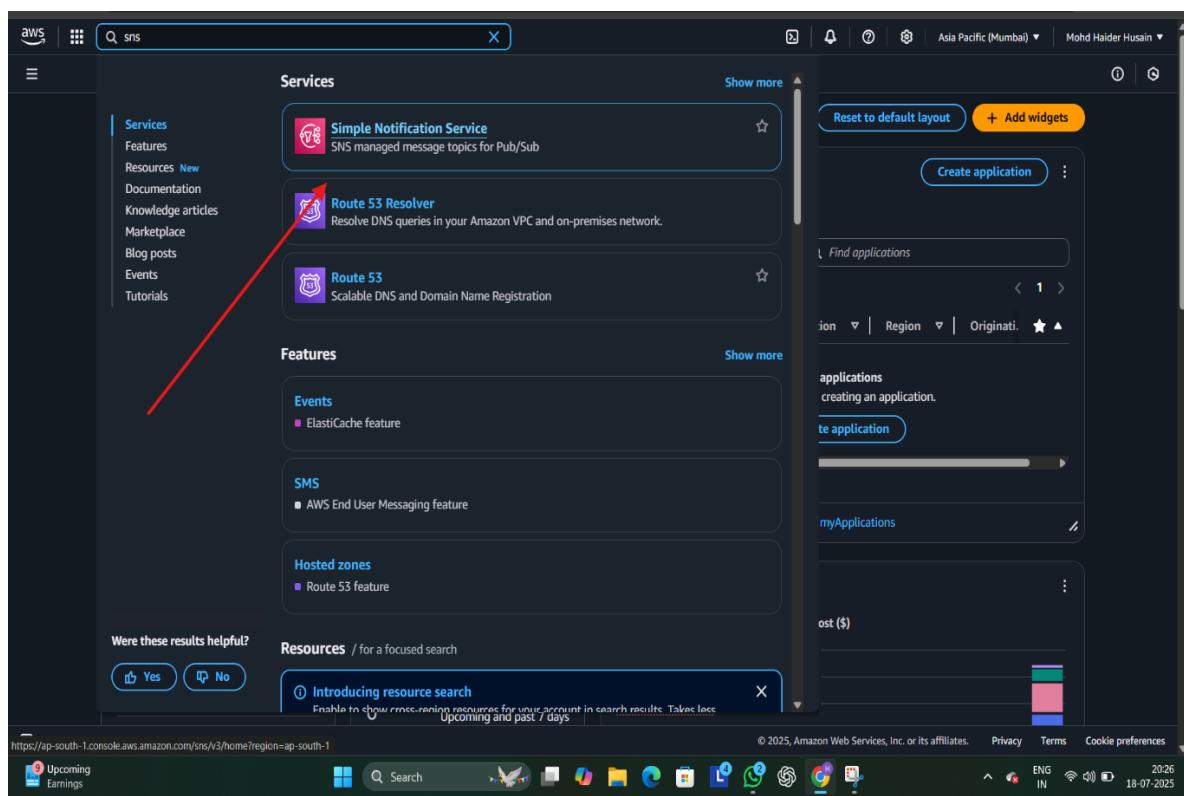


## Go to SNS Console

### Step 1:

Navigate to the **Amazon SNS Dashboard** from the AWS Management Console.

Click on “**Topics**” from the sidebar to get started.



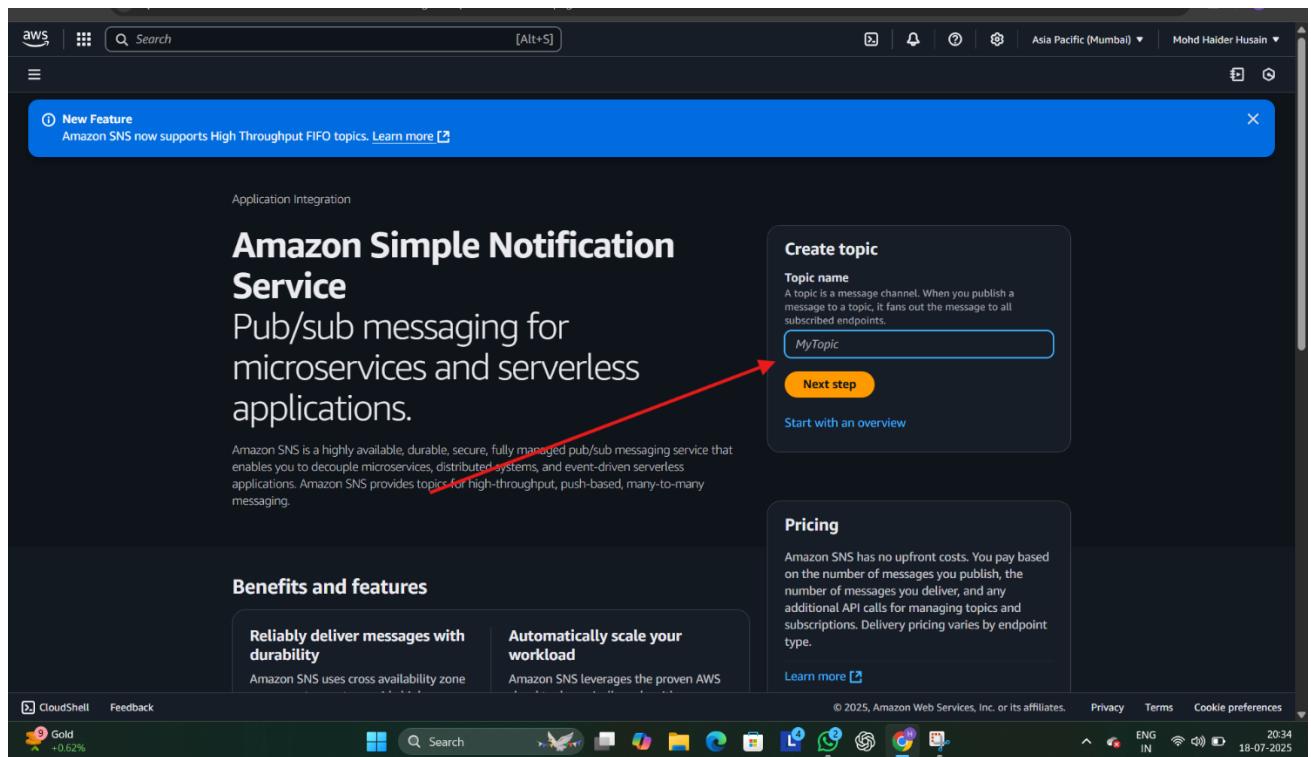
## Configure Topic

### Step 3:

Review optional settings like encryption, access policy, and delivery retry policy.

Leave defaults if not needed.

Click “**Create topic.**”



## Topic Created

### Step 4:

After creation, you'll be taken to the **topic details page**. Note the **Topic ARN**. You will need this to subscribe endpoints.

The screenshot shows the AWS SNS Topic Details page for a topic named "Topic1". A red arrow points from the left margin to the topic name "Topic1" in the main content area. Another red arrow points from the bottom right corner of the "Subscriptions" section towards the "Create subscription" button.

**Topic1**

**Details**

Name	Display name
Topic1	Mohd Haider Husain

ARN	Topic owner
arn:aws:sns:ap-south-1:335746353093:Topic1	335746353093

Type
Standard

**Subscriptions (0)**

**Create subscription**

No subscriptions found

CloudShell Feedback 30°C Mostly clear 20:39 ENG IN 18-07-2025

## – Create Email Subscription

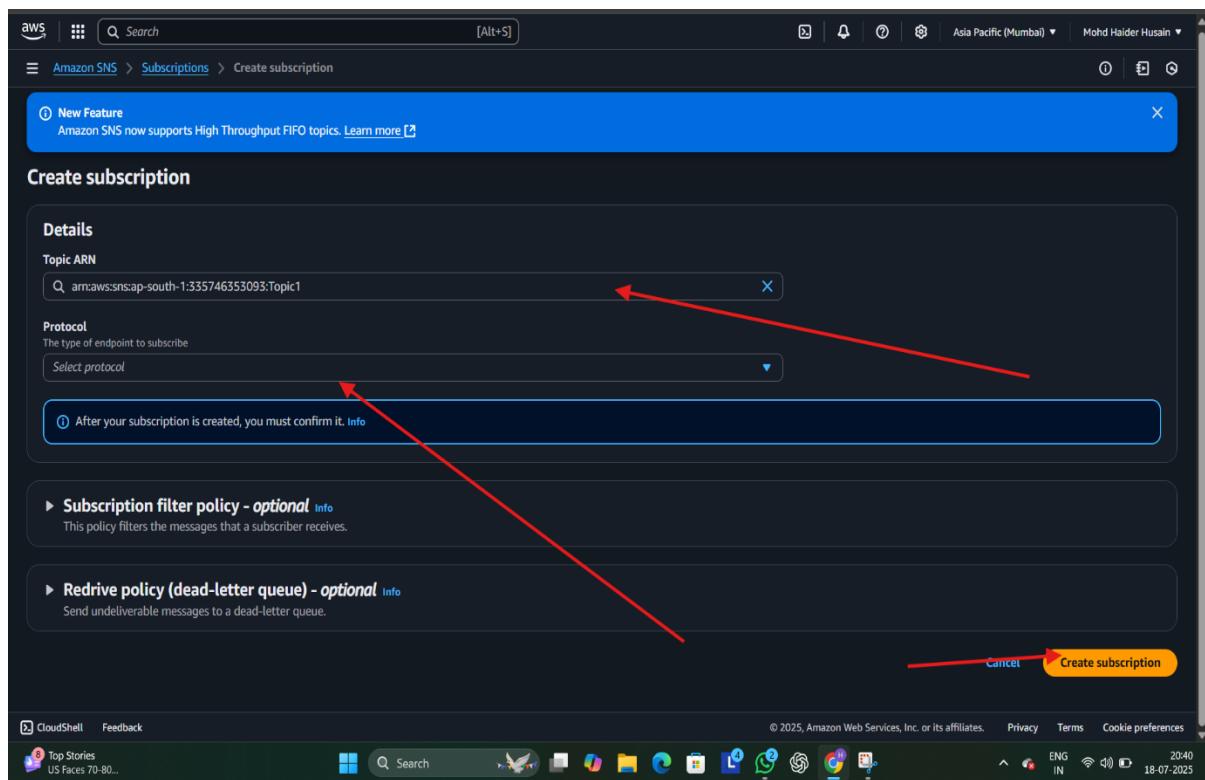
### Step 5:

Click on “Create subscription.”

Choose Protocol: Email

In the **Endpoint** field, enter the recipient's **email address**.

Click “Create subscription.”

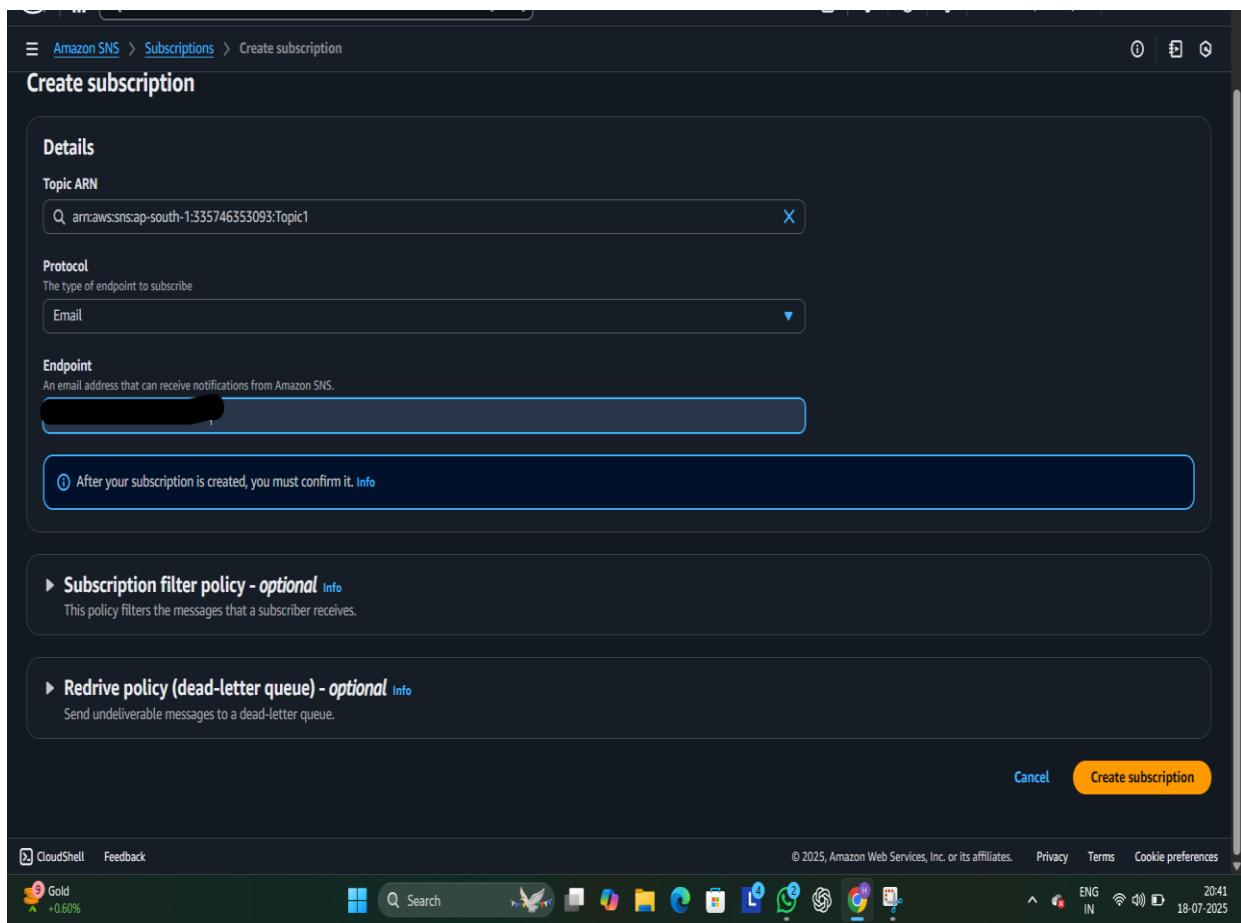


## Confirm Email Subscription

### Step 6:

The recipient will get a **confirmation email**.

They must **click the confirmation link** to activate the subscription.

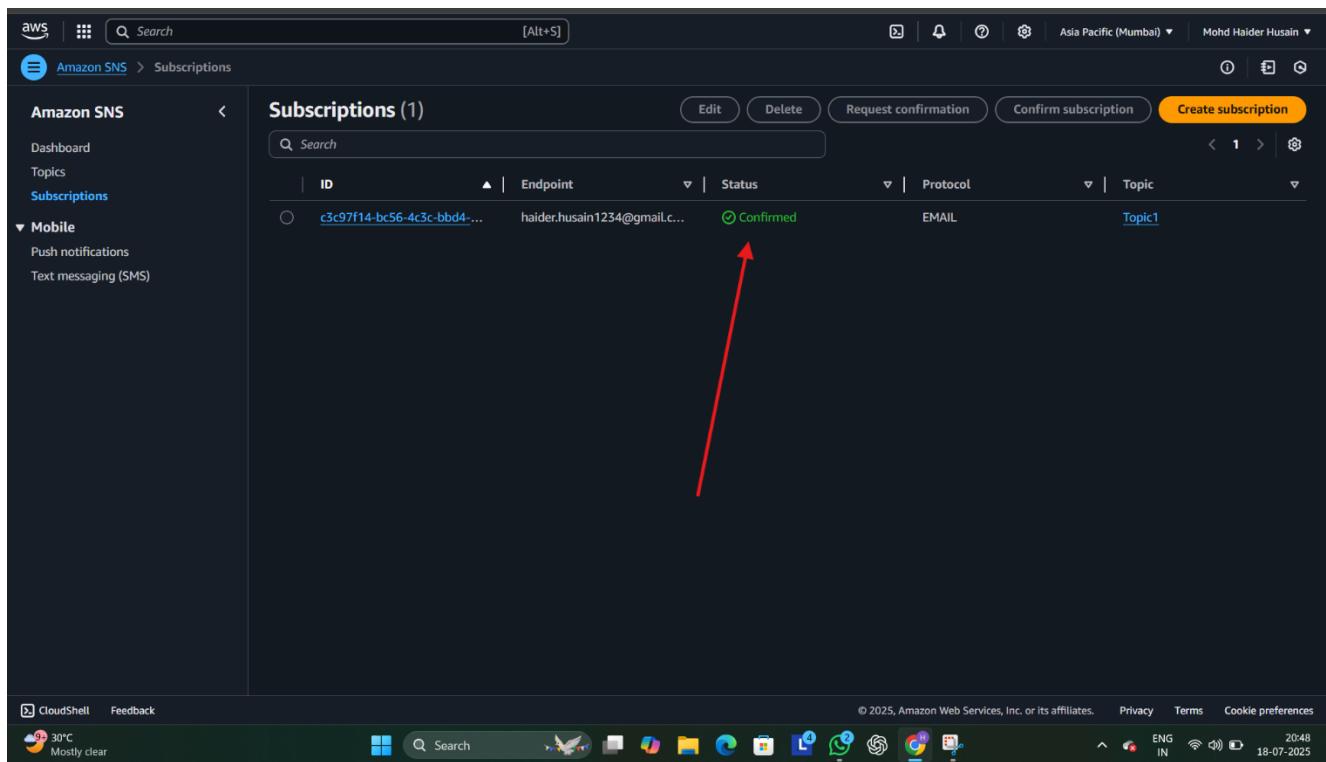


## Subscriptions Created

### Step 7:

Back in the topic detail view, you'll see both **email** and **SMS subscriptions as Pending or Confirmed.**

Wait until email is confirmed.



The screenshot shows the AWS SNS Subscriptions page. On the left, there's a sidebar with 'Amazon SNS' navigation: Dashboard, Topics, Subscriptions (selected), and Mobile (Push notifications, Text messaging (SMS)). The main area is titled 'Subscriptions (1)'. It has a table with columns: ID, Endpoint, Status, Protocol, and Topic. One row is listed: ID is 'c3c97f14-bc56-4c3c-bbd4...', Endpoint is 'haider.husain1234@gmail.com...', Status is 'Confirmed' (with a green circular icon), Protocol is 'EMAIL', and Topic is 'Topic1'. A red arrow points from the text above to the 'Status' column of the table. The bottom of the screen shows the AWS navigation bar with CloudShell, Feedback, and various icons, along with system status like weather (30°C, Mostly clear) and date/time (18-07-2025).

ID	Endpoint	Status	Protocol	Topic
c3c97f14-bc56-4c3c-bbd4...	haider.husain1234@gmail.com...	Confirmed	EMAIL	Topic1

## Subscriptions Created

### Step 8:

Back in the topic detail view, you'll see both email and SMS subscriptions as Pending or Confirmed.

Wait until email is confirmed.

The screenshot shows the Amazon SNS Topics page. On the left, there's a sidebar with options like Dashboard, Topics (which is selected), Subscriptions, Mobile (Push notifications, Text messaging (SMS)), CloudShell, and Feedback. The main area has a blue header bar with a 'New Feature' message about High Throughput FIFO topics. Below it, a table lists 'Topics (1)'. The table has columns for Name, Type, and ARN. One row is shown: Name is 'Topic1', Type is 'Standard', and ARN is 'arn:aws:sns:ap-south-1:335746353093:Topic1'. A red arrow points from the text 'Wait until email is confirmed.' to the 'Topic1' row. The bottom of the screen shows a dark navigation bar with icons for search, file, and other services, along with system status information like weather (30°C, mostly clear), date (18-07-2025), and time (20:51).

Name	Type	ARN
Topic1	Standard	arn:aws:sns:ap-south-1:335746353093:Topic1

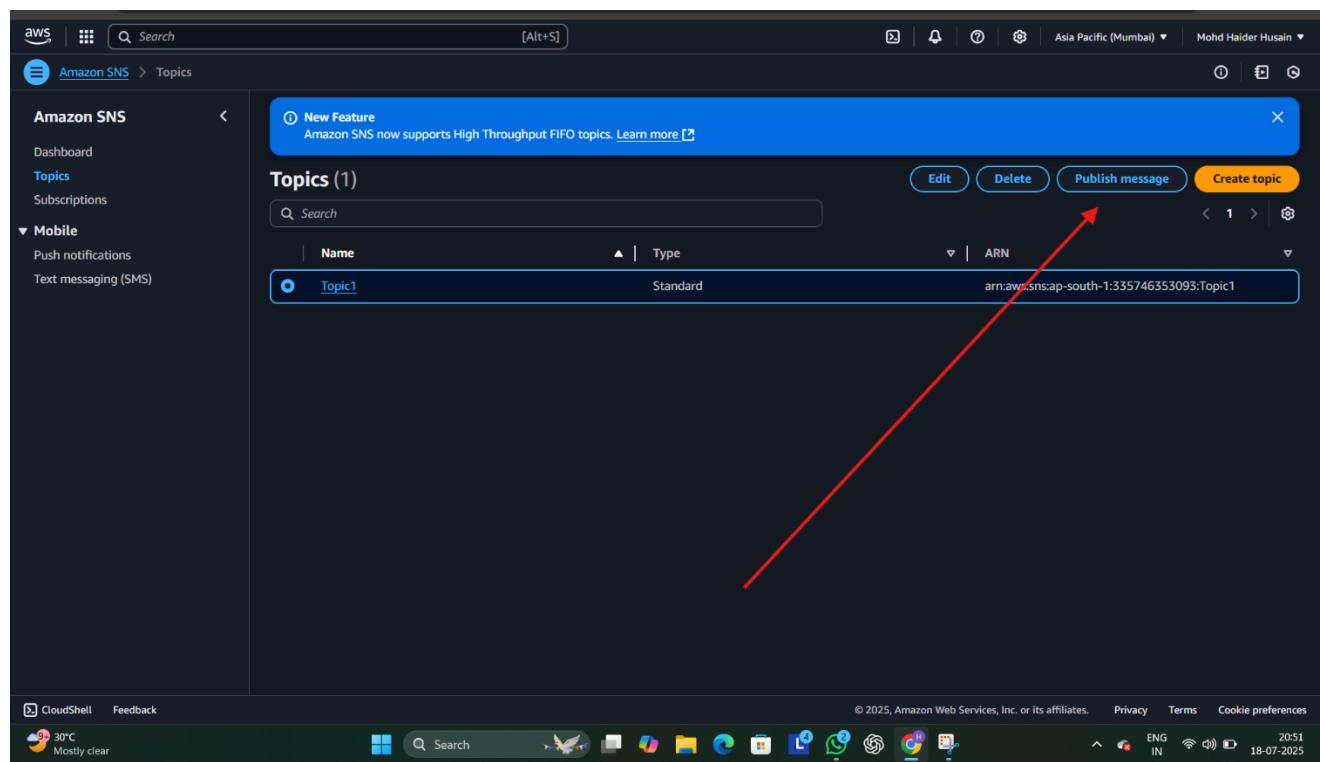
## Publish Message

### Step 9:

Click “**Publish message**” from the topic detail page.

Enter a **Subject** (for email only) and the **Message body**.

Choose “**Send to all subscriptions**.”



## Confirmation of Publish

### Step 10:

Click “Publish message.”

You will see a confirmation.

- The email recipient will receive the subject and message.
- The SMS subscriber will receive only the message (no subject).

