Lesson 08 Demo 06

Creating SNS Topic, Fanout, and S3 Event Notification

Objective: To create an Amazon SNS topic, subscribe to it, and set up an S3 event notification to highlight the fanout capability of SNS
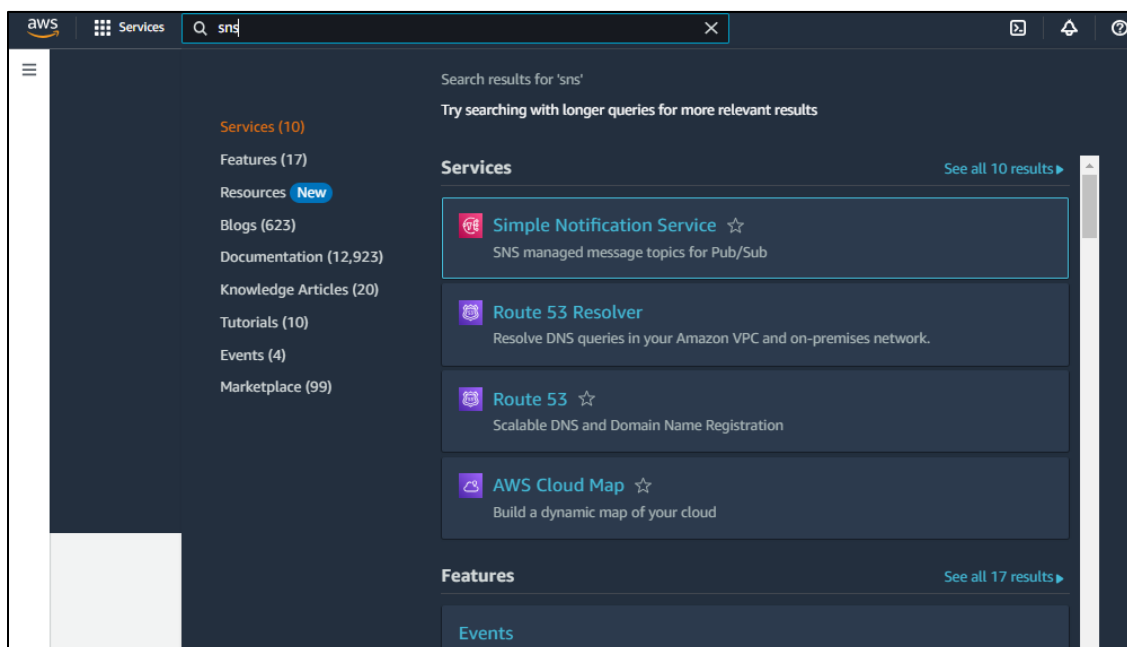
Tools required: AWS account management console

Prerequisites: None

Steps to be followed:
1. Create an SNS topic
2. Subscribe to the SNS topic

Step 1: Create an SNS topic

1.1 Navigate to the **AWS Management Console**. Search for and select Amazon **SNS**
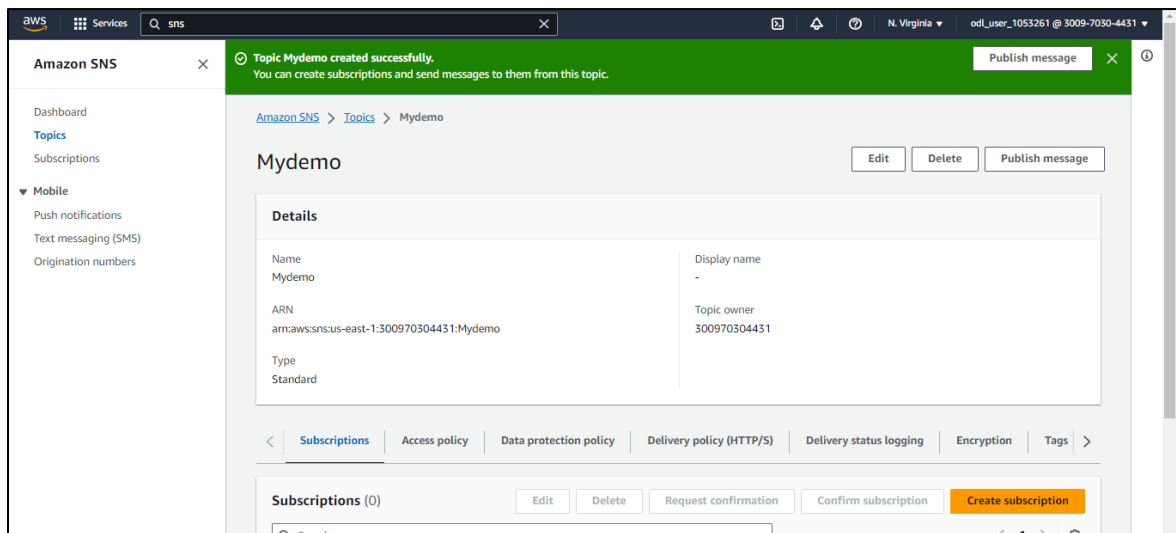
1.2 Enter **Mydemo** as the topic name and click on the **Next step** button
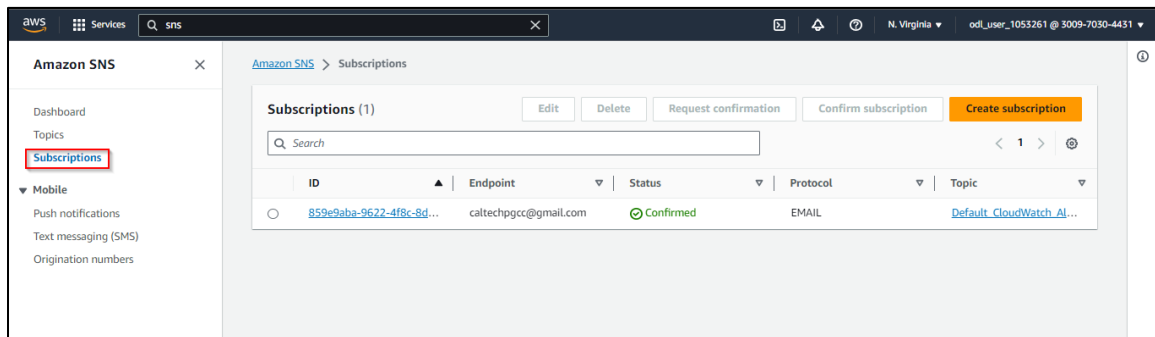

1.3 Click **Create topic**

The topic has been successfully created.

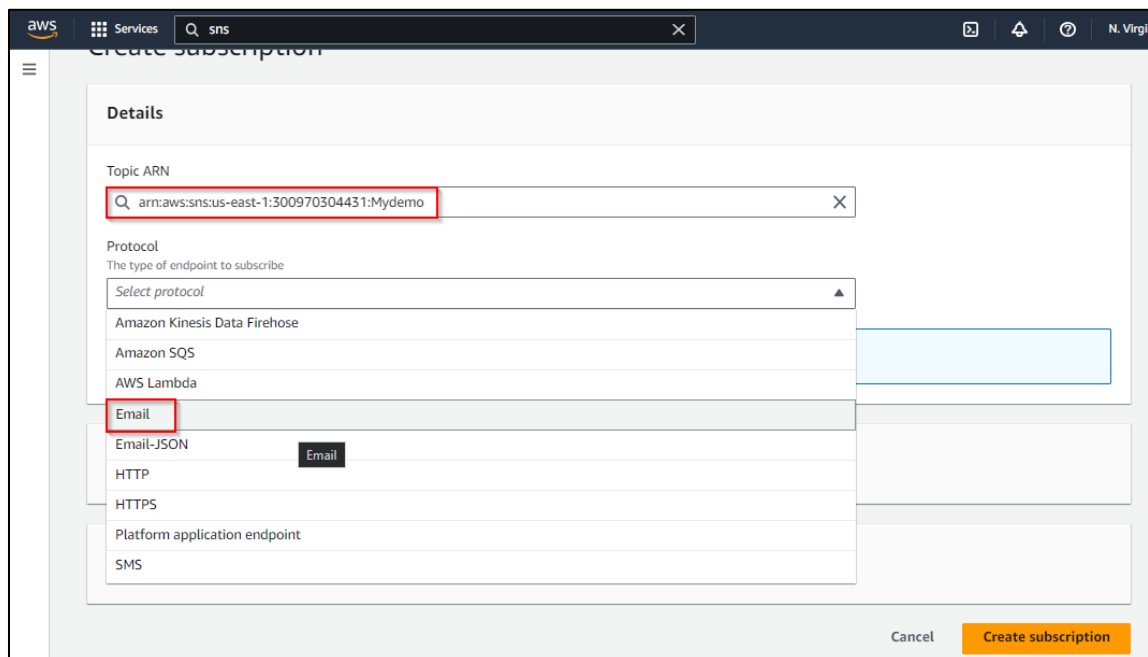1.4 Copy the **ARN** (paste it in step 2.2)
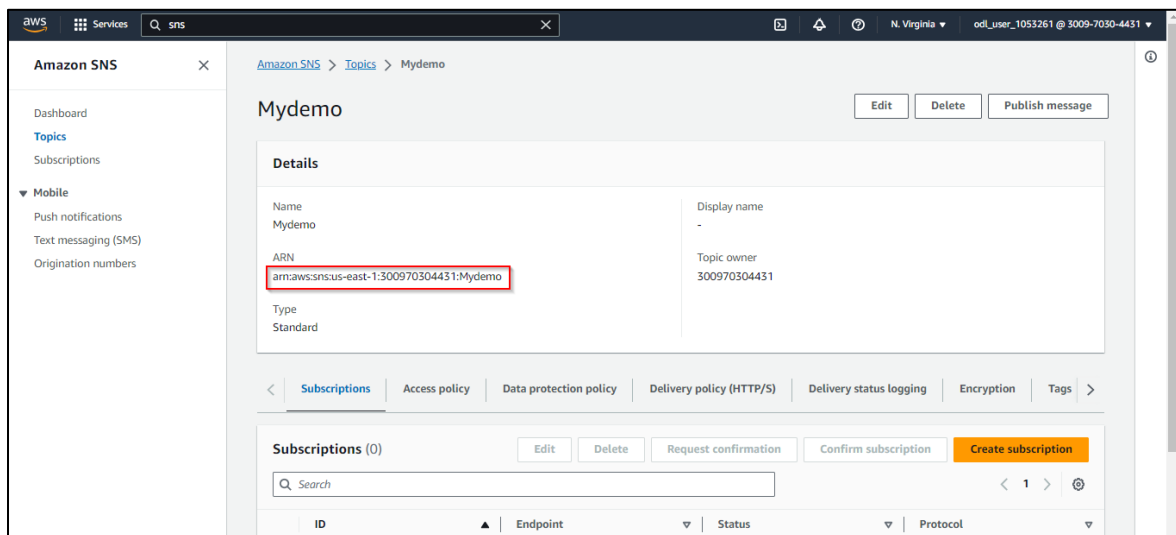
Step 2: Subscribe to the SNS topic

2.1 In the navigation pane, choose **Subscriptions** and click **Create subscription**

2.2 Select **Mydemo** (copied in step 1.4) as the **Topic ARN** and set the **Protocol** to **Email**

2.3 For the **Endpoint**, enter an email address for receiving notifications and click **Create subscription**

2.4 Open your email application, locate the message from AWS Notifications, and confirm your subscription
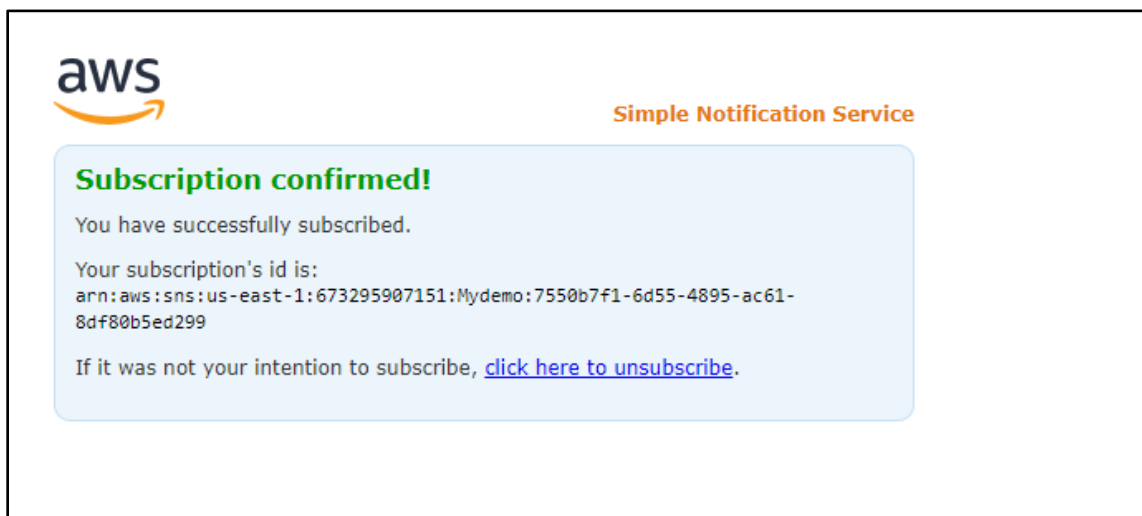
Once confirmed, your web browser will display a confirmation response from Amazon SNS.
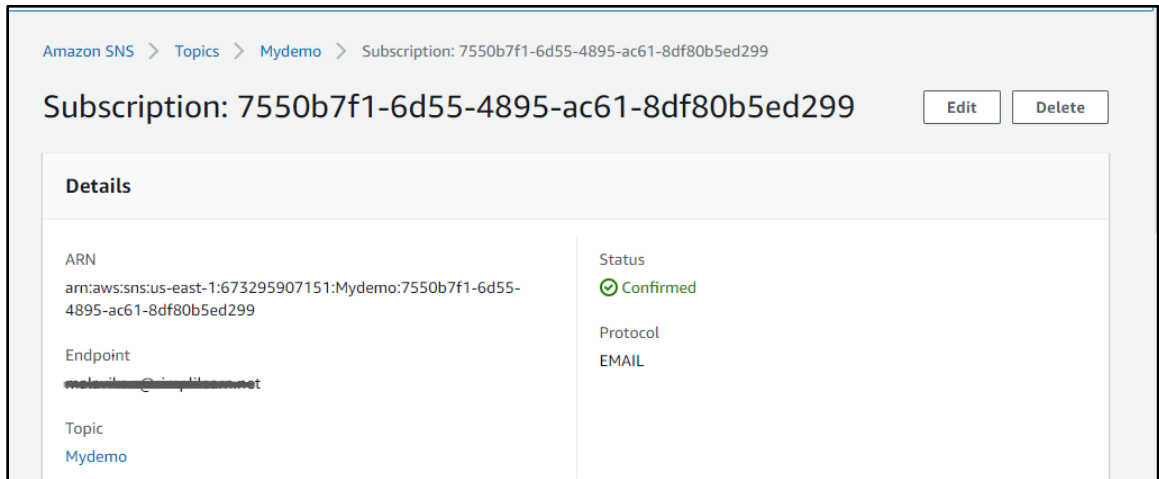
By following these steps, you have successfully created an SNS topic, subscribed to it via email, and experienced S3 event notifications using the fanout mechanism of Amazon SNS.