CREATE AN SNS (SIMPLE NOTIFICATION SERVICE) TOPIC AND SUBSCRIBE AN EMAIL ENDPOINT TO IT
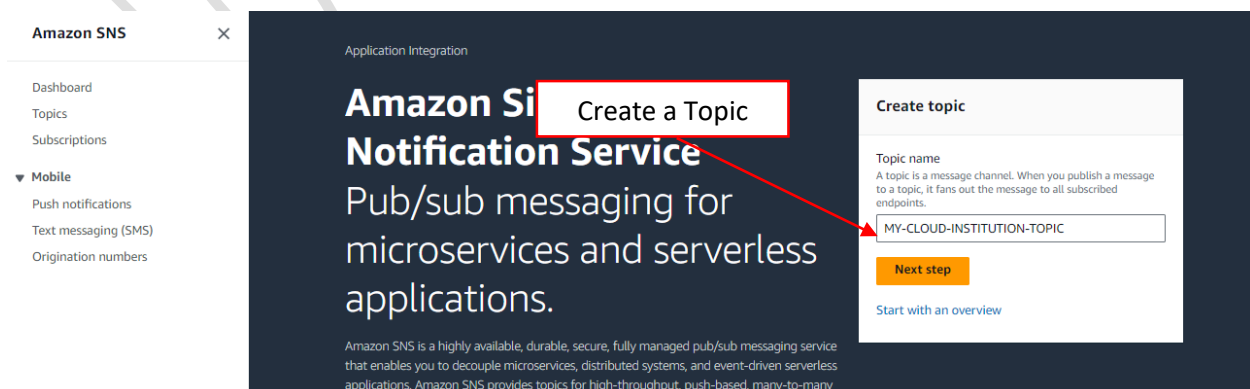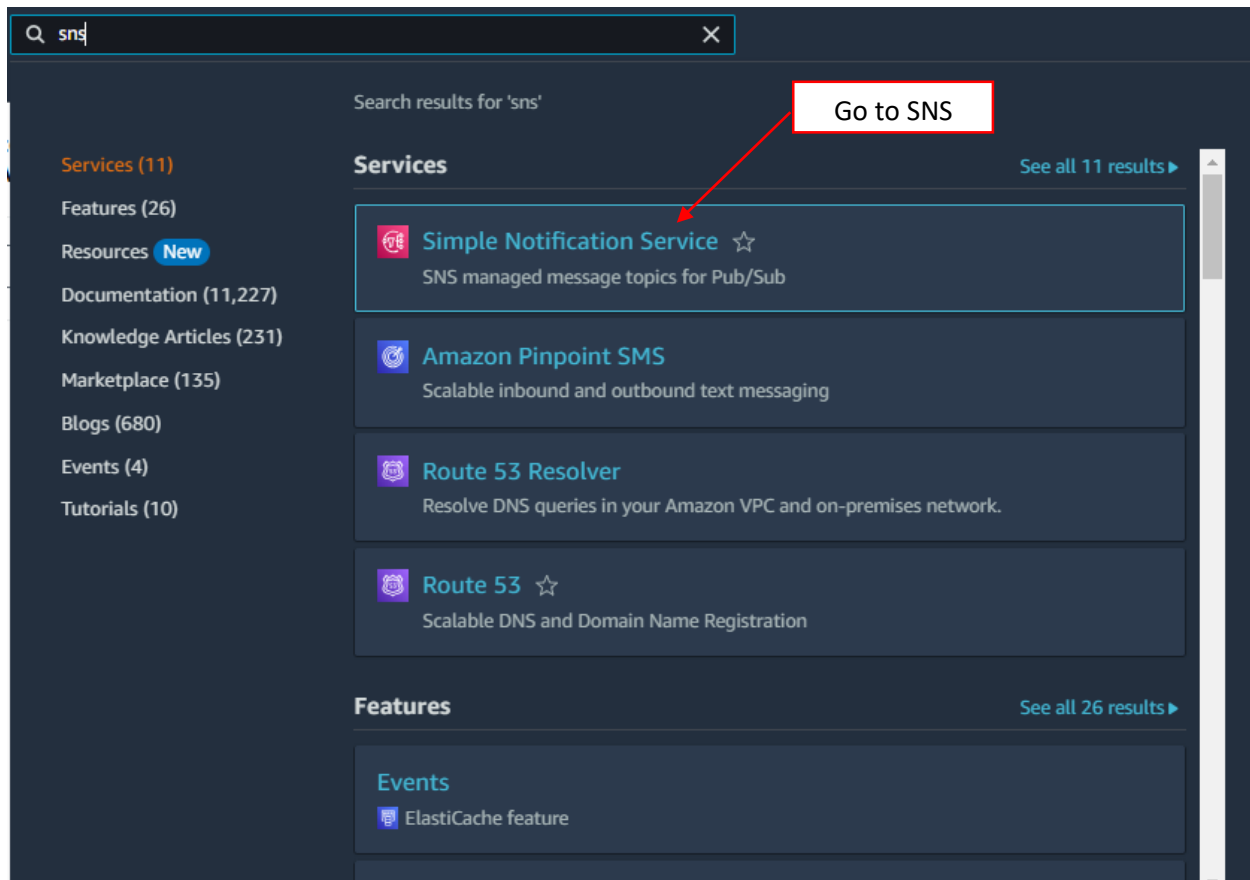
Amazon SNS ×

Amazon SNS > Topics > Create topic

Create topic

Details

Type | Info
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

MY-CLOUD-INSTITUTION-TOPIC

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.

MY-CLOUD-INSTITUTION-TOPIC

Maximum 100 characters.

> Choose the type of topic you want to create (Standard or FIFO). For this example, we'll create a Standard topic.

Sidebar:
Amazon SNS ×

Dashboard
Topics
Subscriptions
▼ Mobile
  Push notifications
  Text messaging (SMS)
  Origination numbers

▶ **Data protection policy** - *optional* Info
This policy defines which sensitive data to monitor and to prevent from being exchanged via your topic.

▶ **Delivery policy (HTTP/S)** - *optional* Info
The policy defines how Amazon SNS retries failed deliveries to HTTP/S endpoints. To modify the default settings, expand this section.

▶ **Delivery status logging** - *optional* Info
These settings configure the logging of message delivery status to CloudWatch Logs.

▶ **Tags** - *optional*
A tag is a metadata label that you can assign to an Amazon SNS topic. Each tag consists of a key and an optional value. You can use tags to search and filter your topics and track your costs. Learn more

▶ **Active tracing** - *optional* Info
Use AWS X-Ray active tracing for this topic to view its traces and service map in Amazon CloudWatch. Additional costs apply.

Cancel | **Create topic**

> Click on Create Topic

SNS Topic Created

Amazon SNS ✕

Dashboard
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Details

Topic ARN

🔍 arn:aws:sns:us-east-1:473869189128:MY-CLOUD-INSTITUTION-TOPIC ✕

Protocol
The type of endpoint to subscribe

| Select protocol | ▲ |

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

In the "Protocol" dropdown,
select "Email."

Amazon SNS ✕

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🔍 arn:aws:sns:us-east-1:473869189128:MY-CLOUD-INSTITUTION-TOPIC ✕

Protocol
The type of endpoint to subscribe

| Email |

Endpoint
An email address that can receive notifications from Amazon SNS.

| cloudinstitution@gmail.com |

In the "Endpoint" field, enter
the email address you want to
subscribe to the topic.

ⓘ After your subscription is created, you must confirm it. Info
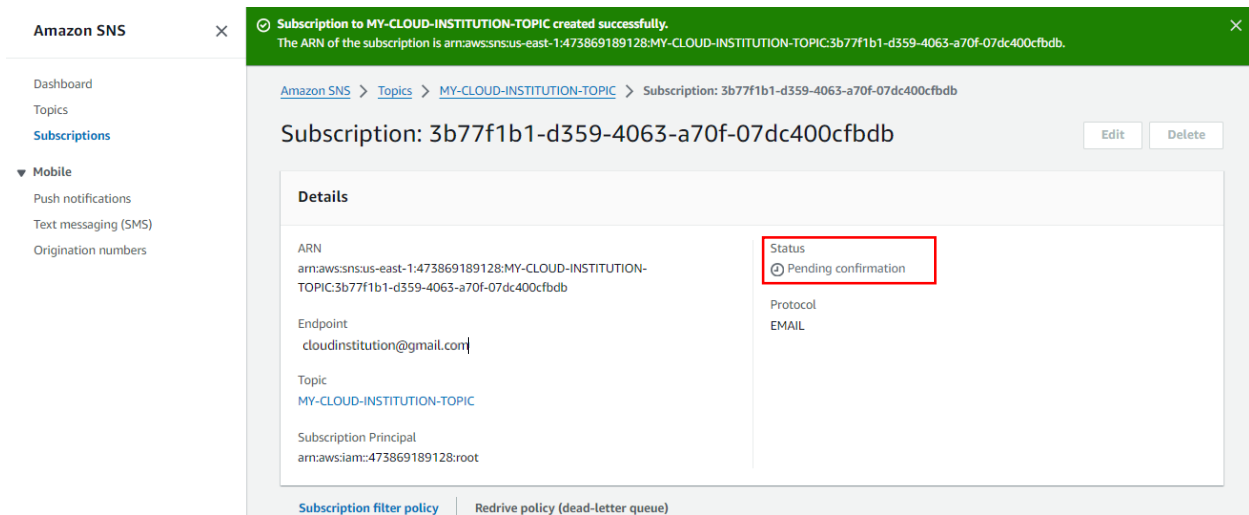
▶ **Subscription filter policy – _optional_** Info
This policy filters the messages that a subscriber receives.

▶ **Redrive policy (dead-letter queue) – _optional_** Info
Send undeliverable messages to a dead-letter queue.

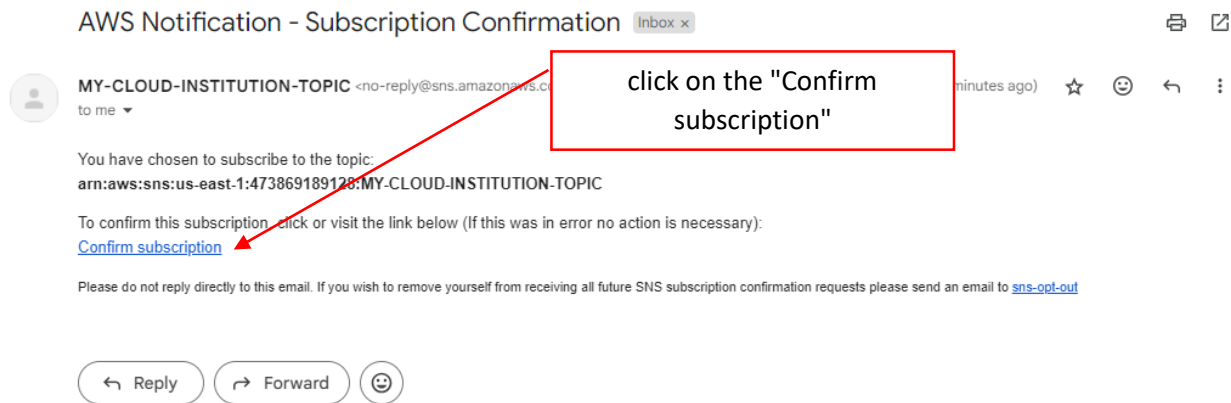Click on "Create subscription."

Cancel   **Create subscription**

Subscription created

AWS SNS will send a confirmation email to the email address you specified.

Open your email inbox, find the confirmation email from AWS Notifications.

Once confirmed, the email address will be subscribed to the topic, and you'll see the status of the subscription change to "Confirmed" in the SNS console.