

# SNS

Simple Notification Service

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Search results for 'sns'

## Services



### Simple Notification Service

SNS managed message topics for Pub/Sub

Application Integration

# Amazon Simple Notification Service

## Pub/sub messaging for microservices and serverless applications.

Amazon SNS is a highly available, durable, secure, fully managed pub/sub messaging service that enables you to decouple microservices, distributed systems, and event-driven serverless applications. Amazon SNS provides topics for high-throughput, push-based, many-to-many messaging.

### Create topic

#### Topic name

A topic is a message channel. When you publish a message to a topic, it fans out the message to all subscribed endpoints.

**Next step**

[Start with an overview](#)

# 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

messages

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

Display name - *optional*

To use this topic with SMS subscriptions, enter a display name. Only the first 10 characters are displayed in an SMS message. [Info](#)

Alert

Maximum 100 characters, including hyphens (-) and underscores (\_).

► **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](#)

Cancel

Create topic

**Important changes for sending text messages (SMS) to US destinations**

Effective April 1, 2021, US telecom providers no longer support person-to-person (P2P) long codes for sending SMS messages to US destinations. To continue to send SMS messages to US destinations, register and use a valid origination ID. [Learn more](#)

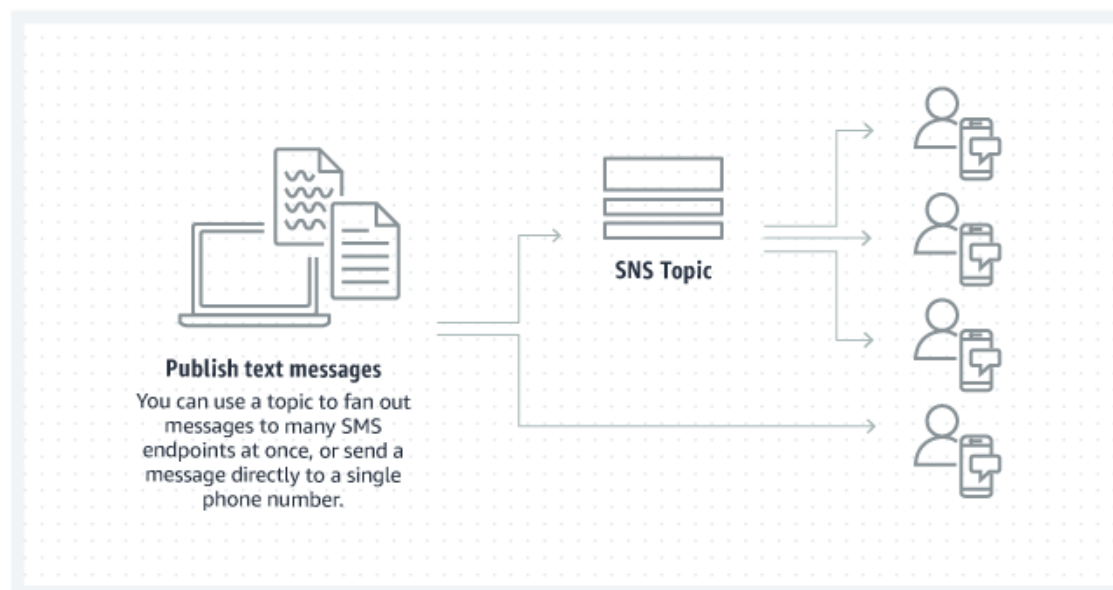
[Manage origination entities](#)[Amazon SNS](#) > Text messaging (SMS)

## Mobile text messaging (SMS)

[Subscribe number to topic](#)[Publish text message](#)

### ▼ Overview

Amazon SNS lets you send SMS text messages to any phone number. [Learn more](#)



## Create subscription

### Details

Topic ARN

arn:aws:sns:us-east-2:854633459381:messages

Protocol

The type of endpoint to subscribe

SMS

Endpoint

A mobile number that can receive notifications from Amazon SNS.

+91 9880000000

After your subscription is created, you must confirm it. [Info](#)

### ► Subscription filter policy - *optional*

This policy filters the messages that a subscriber receives. [Info](#)

### ► Redrive policy (dead-letter queue) - *optional*

Send undeliverable messages to a dead-letter queue. [Info](#)

Cancel

Create subscription

# Publish SMS message

## Details

### Message type

While promotional messages are non-critical, transactional messages are sent with high priority.

Promotional ▼

### Phone number [Info](#)

The phone number to which to send the message.

+91 9800000000

### Message

SMS messages longer than 160 characters are treated as multiple messages.

Hello, Your AWS SNS Course ready

32 characters (1 messages)

### Sender ID - optional [Info](#)

A custom ID, such as your business brand, displayed as the sender on the receiving device. Support for sender IDs varies by country.

Up to 11 alphanumeric characters, including at least one letter and no spaces.

### Origination number - optional [Info](#)

The number to send the SMS message from.

5-14 digits, with an optional leading '+', no spaces or dashes

Cancel

Publish message

## Publish message to topic

### Message details

Topic ARN

arn:aws:sns:us-east-2:854633459381:messages

Subject - *optional*

Welcome

Maximum 100 printable ASCII characters

Time to Live (TTL) - *optional*

This setting applies only to mobile application endpoints. The number of seconds that the push notification service has to deliver the message to the endpoint. [Info](#)

### Message body

Message structure

☒ Identical payload for all delivery protocols.

The same payload is sent to endpoints subscribed to the topic, regardless of their delivery protocol.

☐ Custom payload for each delivery protocol.

Different payloads are sent to endpoints subscribed to the topic, based on their delivery protocol.

Message body to send to the endpoint

1 Welcome to SNS Topic and Tutorial



### Message attributes

Message attributes let you provide structured metadata items (such as timestamps, geospatial data, signatures, and identifiers) for the message. [Info](#)

Type

Select attribute type ▼

Name

Enter attribute name

Value

value or ["value1", "value2"]

Remove

Add another attribute

Cancel

Publish message



## Create subscription

### Details

Topic ARN

arn:aws:sns:us-east-2:854633459381:messages

Protocol


The type of endpoint to subscribe

Email

Endpoint

An email address that can receive notifications from Amazon SNS.

someone@example.com

 After your subscription is created, you must confirm it. [Info](#)

#### ► Subscription filter policy - *optional*

This policy filters the messages that a subscriber receives. [Info](#)

#### ► Redrive policy (dead-letter queue) - *optional*

Send undeliverable messages to a dead-letter queue. [Info](#)

Cancel

Create subscription

Go to your inbox and confirm your email id

## AWS Notification - Subscription Confirmation Inbox x


**Alert** <no-reply@sns.amazonaws.com>  
to me ▾

2:06 PM (0 minutes ago) ☆

You have chosen to subscribe to the topic:  
**arn:aws:sns:us-east-2:854633459381:messages**

To confirm this subscription, click or visit the link below (If this was in error no action is necessary):  
[Confirm subscription](#)

Please do not reply directly to this email. If you wish to remove yourself from receiving all future SNS subscription confirmation requests please send an email to [sns-opt-out](#)

 Reply

 Forward



## Simple Notification Service

### Subscription confirmed!

You have successfully subscribed.

Your subscription's id is:

arn:aws:sns:us-east-2:854633459381:messages:5a7c1d60-0689-4877-a273-2e2b960c9be6

If it was not your intention to subscribe, [click here to unsubscribe](#).