

Task/Task 1 - x Mail - Suriya x Azure DevOp x TravelReimb x Simple Notifi x Upload files x Document.d x +

eu-north-1.console.aws.amazon.com/sns/v3/home?region=eu-north-1#/homepage

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New Feature  
Amazon SNS now supports in-place message archiving and replay for FIFO topics. [Learn more](#)

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.

DemoTopic

Next step

[Start with an overview](#)

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

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New Feature  
Amazon SNS now supports in-place message archiving and replay for FIFO topics. [Learn more](#)

[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

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[Amazon SNS](#) > [Topics](#) > Create topic

## Create 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**

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eu-north-1.console.aws.amazon.com/sns/v3/home?region=eu-north-1#/publish/topic/am:aws:sns:eu-north-1:211125754653:DemoTopic

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Subject - optional

Publish

Maximum 100 printable ASCII characters

Time to Live (TTL) - optional [Info](#)

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.

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. This topic is published.

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eu-north-1.console.aws.amazon.com/sns/v3/home?region=eu-north-1#/topic/am:aws:sns:eu-north-1:211125754653:DemoTopic

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Amazon SNS x

Message published to topic DemoTopic successfully.  
Message "ID": d0902823-18e1-538a-a75d-77074555a506  
Request "ID": cff4695c-0ea0-5d9d-8b93-37785314cb11

Publish another message x

Amazon SNS > Topics > DemoTopic

Dashboard  
Topics  
Subscriptions

Mobile  
Push notifications  
Text messaging (SMS)  
Origination numbers

DemoTopic

Edit Delete Publish message

Details

Name DemoTopic	Display name -
ARN arn:aws:sns:eu-north-1:211125754653:DemoTopic	Topic owner 211125754653
Type Standard	

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eu-north-1.console.aws.amazon.com/sns/v3/home?region=eu-north-1#/create-subscription

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arn:aws:sns:eu-north-1:211125754653:DemoTopic x

Protocol  
The type of endpoint to subscribe

Email

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

suriya.thurai@aspiresys.com

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.

Task/Task 1

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Azure DevOp

TravelReimbu

Subscription

Upload files

Document.doc

eu-north-1.console.aws.amazon.com/sns/v3/home?region=eu-north-1#/subscription/amaws:sns:eu-north-1:211125754653:DemoTopic:97dad679-2...

Amazon SNS now supports in-place message archiving and replay for FIFO topics. [Learn more](#)

Subscription to DemoTopic created successfully.  
The ARN of the subscription is arn:aws:sns:eu-north-1:211125754653:DemoTopic:97dad679-268d-4ce2-b830-120f329d0e37.

[Amazon SNS](#) > [Topics](#) > [DemoTopic](#) > Subscription: 97dad679-268d-4ce2-b830-120f329d0e37

## Subscription: 97dad679-268d-4ce2-b830-120f329d0e37

Edit

Delete

Details

ARN

arn:aws:sns:eu-north-1:211125754653:DemoTopic:97dad679-268d-4ce2-b830-120f329d0e37

Endpoint

suriya.thurai@aspiresys.com

Status

Pending confirmation

Protocol

EMAIL

CloudShell

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eu-north-1.amazonaws.com/confirmation.html?TopicArn=arn:aws:sns:eu-north-1:211125754653:DemoTopic&Token=2336412f37fb687f5d51e6e2...

Simple Notification Service

### Subscription confirmed!

You have successfully subscribed.

Your subscription's ID is:  
arn:aws:sns:eu-north-1:211125754653:DemoTopic:97dad679-268d-4ce2-b830-120f329d0e37

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

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