

Sign in

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https://us-east-1.console.aws.amazon.com/sns/v3/home?region=us-east-1#/homepage

aws Services Search [Alt+S]

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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.

EMS

Next step

[Start with an overview](#)

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https://us-east-1.console.aws.amazon.com/sns/v3/home?region=us-east-1#/create-topic

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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

EMS

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.

Employee management system

Maximum 100 characters.

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Details

Topic ARN

Q

arn:aws:sns:us-east-1:891377123182:EMS

X

Protocol

The type of endpoint to subscribe

Email

▼

Endpoint

An email address that can receive notifications from Amazon SNS.

rahulrajagopal03@gmail.com

ⓘ

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

Simple Notification Service

Subscription confirmed!
You have successfully subscribed.
Your subscription ID is:
arn:aws:sns:us-east-1:801377123182:EMS:f6765798-d58b-4f9a-be64-414d6d06c427
If it was not your intention to subscribe, [click here to unsubscribe](#).

The screenshot displays the AWS Management Console interface for an Amazon SNS subscription. The breadcrumb navigation at the top indicates the path: [Amazon SNS](#) > [Topics](#) > [EMS](#) > [Subscription: f6705798-d58b-4f9a-be64-414d6d06c427](#). The main heading is 'Subscription: f6705798-d58b-4f9a-be64-414d6d06c427'. Below the heading are 'Edit' and 'Delete' buttons. The 'Details' section contains the following information:

ARN arn:aws:sns:us-east-1:891377123182:EMS:f6705798-d58b-4f9a-be64-414d6d06c427	Status ⌚ Pending confirmation
Endpoint rahulrajagopal03@gmail.com	Protocol EMAIL
Topic EMS	
Subscription Principal arn:aws:iam::891377123182:root	

Amazon SNS > Topics > EMS > Publish message

Publish message to topic

Message details

Topic ARN

arn:aws:sns:us-east-1:891377123182:EMS

Subject - optional

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

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Amazon SNS

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Subscriptions

▼ Mobile

Push notifications

Text messaging (SMS)

Origination numbers

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

✔ Topic EMS created successfully.
You can create subscriptions and send messages to them from this topic.

[Amazon SNS](#) > [Topics](#) > EMS

EMS

EditDeletePublish message

Details

Name	Display name
EMS	Employee management system
ARN	Topic owner
arn:aws:sns:us-east-1:891377123182:EMS	891377123182
Type	
Standard	

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https://us-east-1.console.aws.amazon.com/sns/v3/home?region=us-east-1#/publish/topic:arn:aws:sns:us-east-1:891377123...

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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 Employee management system

Message attributes [Info](#)

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

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Message attributes Info

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

Type	Name	Value	
String	Rahul R	rahul26	Remove

Add another attribute

Cancel

Publish message

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Message published to topic EMS successfully.

Message "ID": 05f8c530-dcd6-5947-8f17-9b138edc74f6

Request "ID": c8212df6-dbf7-58c4-bb69-73d589fd3575

Publish another message

Amazon SNS > Topics > EMS

EMS

EditDeletePublish message

Details

Name	Display name
EMS	Employee management system
ARN	Topic owner
arn:aws:sns:us-east-1:891377123182:EMS	891377123182
Type	
Standard	

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[Amazon SNS](#) > Subscriptions

Subscriptions (1)

Edit

Delete

Request confirmation

Confirm subscription

Create subscription

Search

ID	Endpoint	Status	Protocol	Topic
f6705798-d58b-...	rahulrajagopal03...	Confirmed	EMAIL	EMS

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New Feature

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Subscription deleted successfully.

Amazon SNS > Subscriptions

Subscriptions (0)

EditDeleteRequest confirmationConfirm subscriptionCreate subscription

Search

< 1 > ⚙

ID	Endpoint	Status	Protocol	Topic
No subscriptions found				

Create subscription

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Topic EMS deleted successfully.

Amazon SNS > Topics

Topics (0)

EditDeletePublish messageCreate topic

Search

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Name	Type	ARN
No topics		
To get started, create a topic.		
Create topic		

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