

SNS and SQS

Create topic | Topics | Simple Notification Service | Amazon SNS

Google Chrome Help

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

Amazon SNS > Topics > Create topic

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

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
- Subscription protocols: SQS

☒ Standard

- Best-effort message ordering
- At-least once message delivery
- Subscription protocols: SQS, Lambda, Data Firehose, HTTP, SMS, email, mobile application endpoints

Name

demo

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.

myway

Maximum 100 characters.

CloudShell Feedback

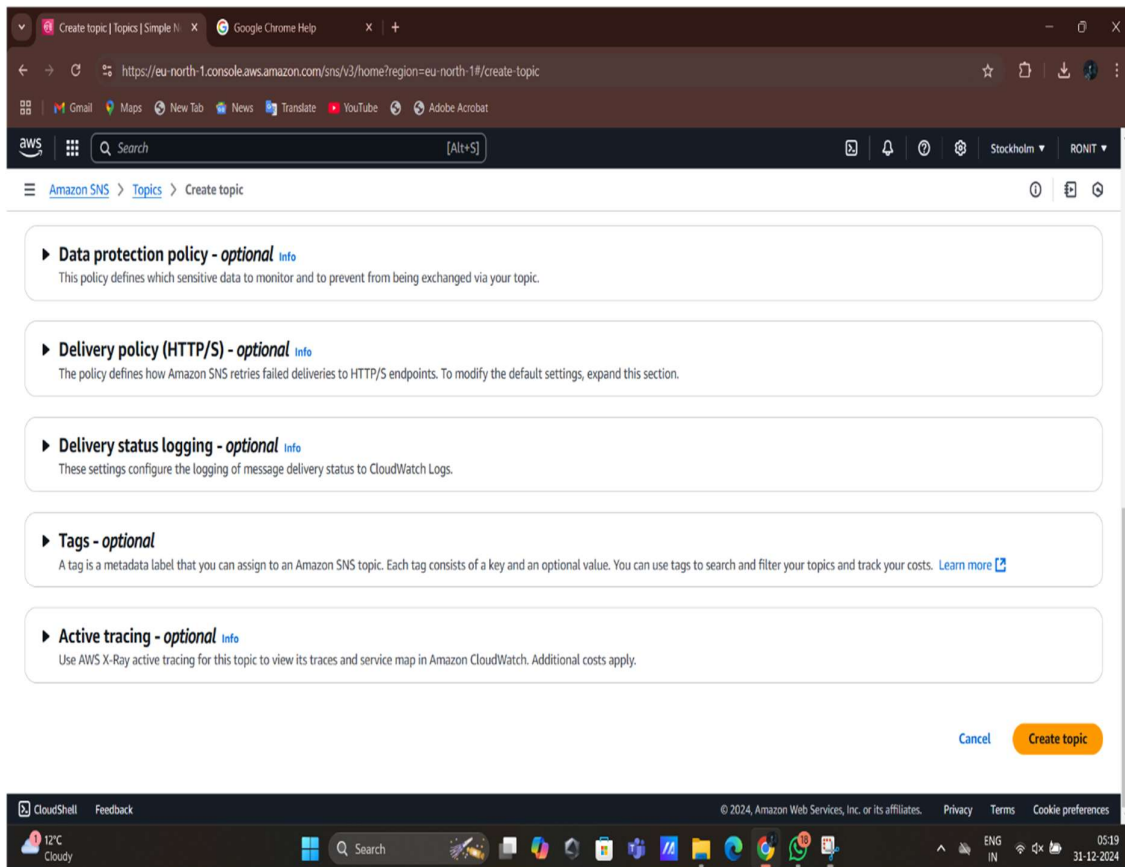
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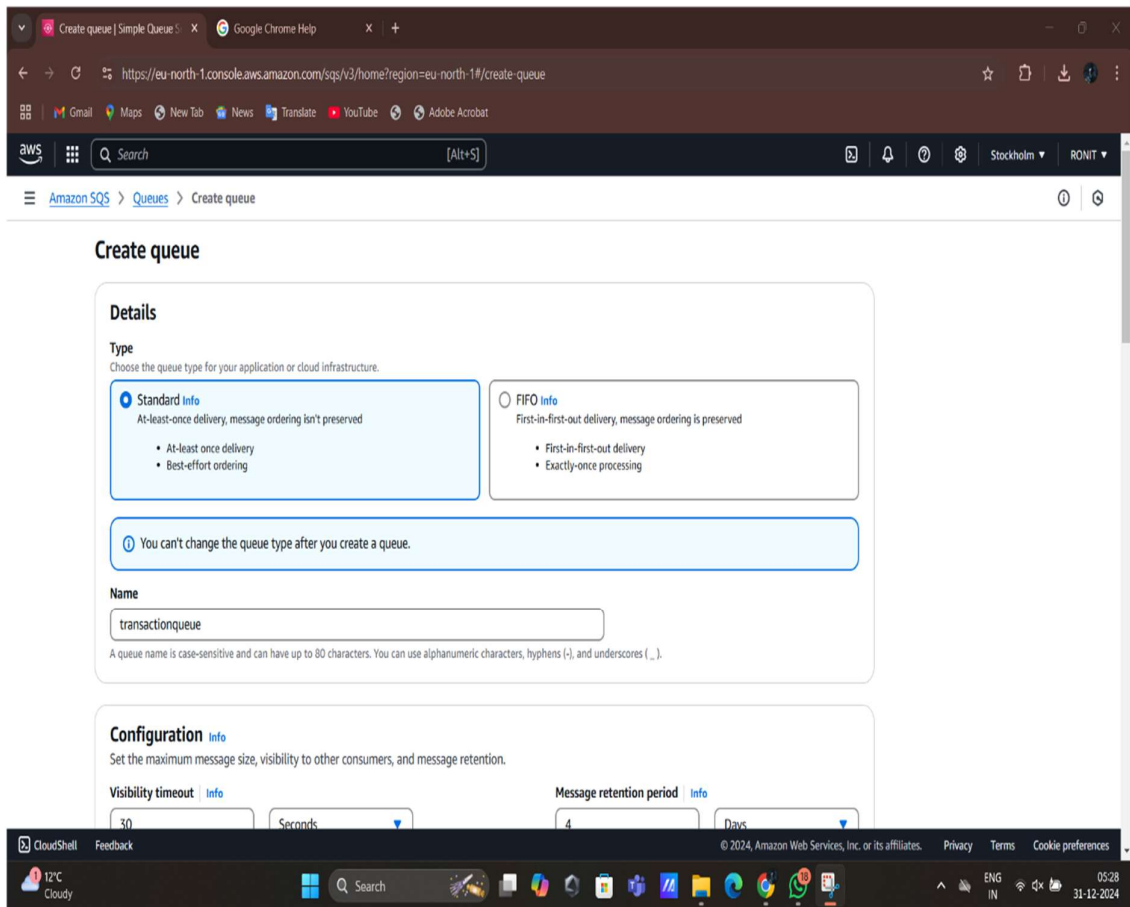
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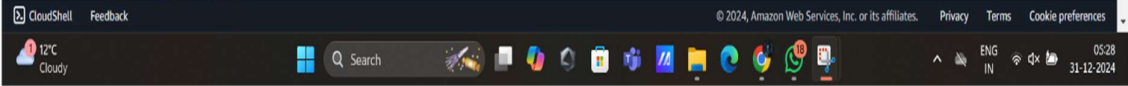
Search

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Create queue | Simple Queue S...Google Chrome Help

←→↻https://eu-north-1.console.aws.amazon.com/sqs/v3/home?region=eu-north-1#/create-queue

 Search [Alt+S]

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Amazon SQSQueuesCreate queue

Access policy [Info](#)

Define who can access your queue.

Choose method

☒ **Basic**
Use simple criteria to define a basic access policy.

☐ **Advanced**
Use a JSON object to define an advanced access policy.

Define who can send messages to the queue

☒ **Only the queue owner**
Only the owner of the queue can send messages to the queue.

☐ **Only the specified AWS accounts, IAM users and roles**
Only the specified AWS account IDs, IAM users and roles can send messages to the queue.

Define who can receive messages from the queue

☒ **Only the queue owner**
Only the owner of the queue can receive messages from the queue.

☐ **Only the specified AWS accounts, IAM users and roles**
Only the specified AWS account IDs, IAM users and roles can receive messages from the queue.

JSON (read-only)

```
{  "Version": "2012-10-17",  "Id": "__default_policy_id",  "Statement": [    {      "Sid": "__owner_statement",      "Effect": "Allow",      "Principal": {        "AWS": "390844779661"      },      "Action": [        "sqs:*"      ],      "Resource": "arn:aws:sqs:eu-north-1:390844779661:transactionqueue"    }  ]}
```

CloudShellFeedback

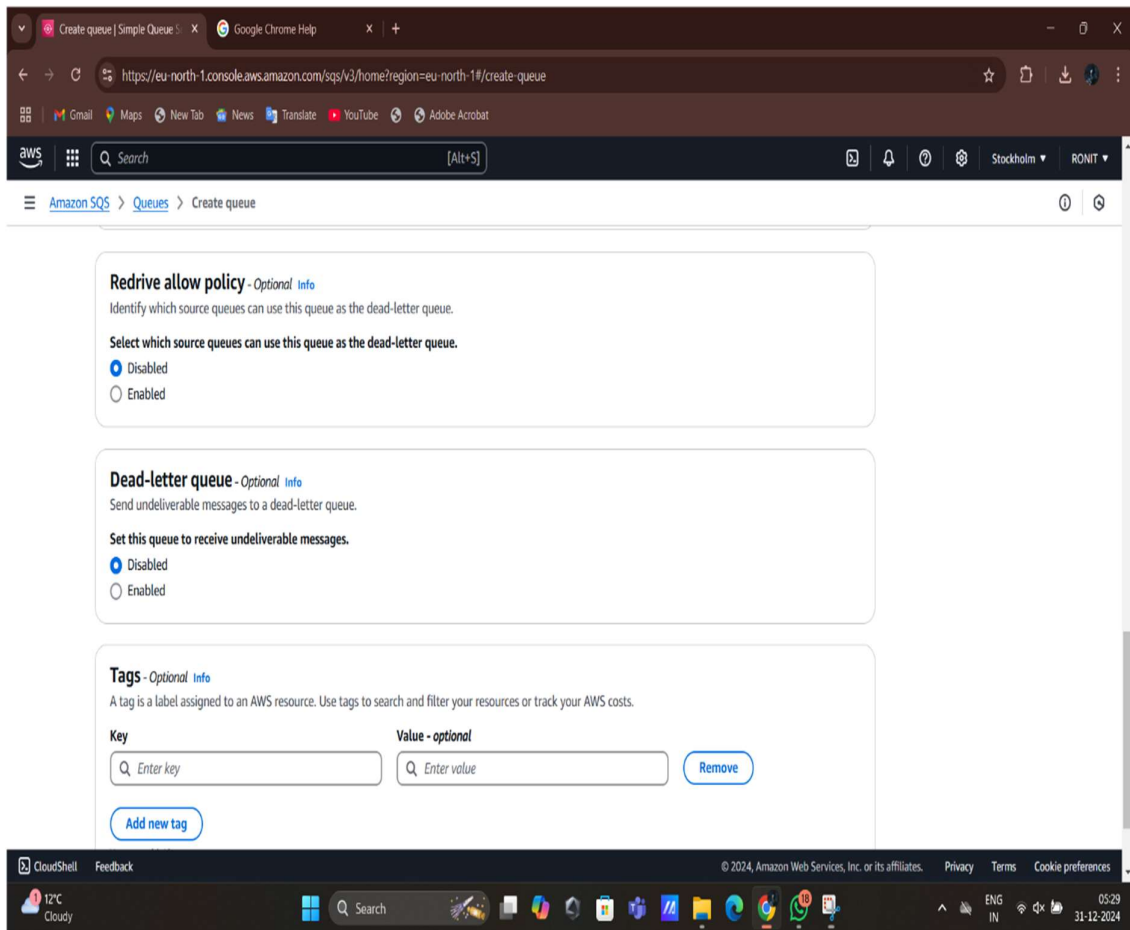
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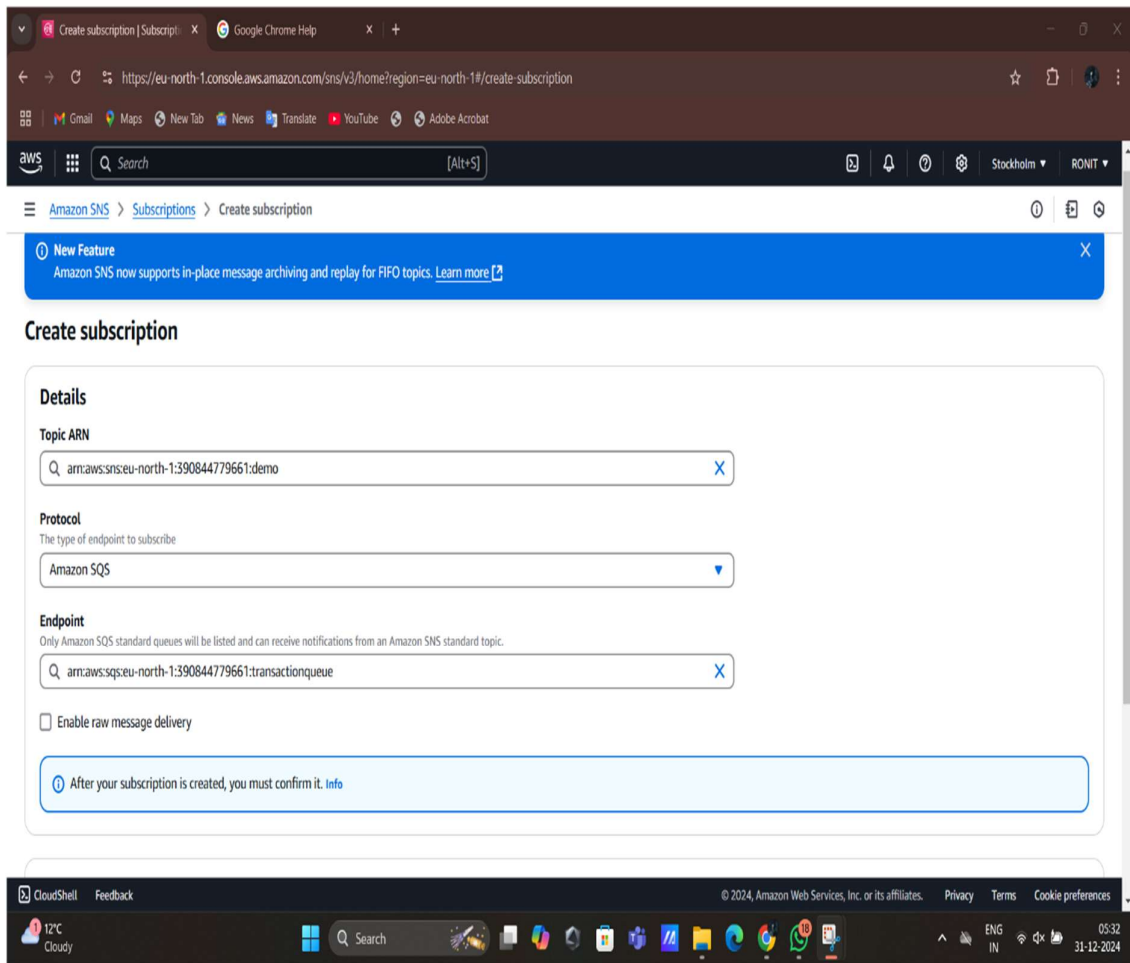
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Queue details | Simple Queue

Google Chrome Help

https://eu-north-1.console.aws.amazon.com/sqs/v3/home?region=eu-north-1#/queues/https%3A%2F%2Fsqs.eu-north-1.amazonaws.com%2F390844779661%2Ftransactionqueue

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Amazon SQS > Queues > transactionqueue

Subscribed successfully to topic arn:aws:sns:eu-north-1:390844779661:demo.

transactionqueue

EditDeletePurgeSend and receive messagesStart DLQ redrive

DetailsInfo

Name

transactionqueue

Type

Standard

ARN

arn:aws:sqs:eu-north-1:390844779661:transactionqueue

Encryption

Amazon SQS key (SSE-SQS)

URL

https://sqs.eu-north-1.amazonaws.com/390844779661/transactionqueue

Dead-letter queue

-

More

SNS subscriptions

Lambda triggers

EventBridge Pipes

Dead-letter queue

Monitoring

Tagging

Queue policies

Encryption

Subscription region

eu-north-1

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demo | Topics | Simple Notificati

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https://eu-north-1.console.aws.amazon.com/sns/v3/home?region=eu-north-1#/topic/amawsns:eu-north-1:390844779661:demo

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Amazon SNS > Topics > demo

Amazon SNS <

Dashboard

Topics

Subscriptions

▼ Mobile

Push notifications

Text messaging (SMS)

New Feature

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

✕

✓ Message published to topic demo successfully.

Message "ID": 69a3a06b-a5c7-5eae-9c4f-f869d2adab8

Request "ID": 0867aabe-6e04-5f82-ada2-f53356e94b94

Publish another message ✕

demo

Edit Delete Publish message

Details

Name	demo	Display name	myway
ARN	arn:aws:sns:eu-north-1:390844779661:demo		Topic owner
Type	Standard		

Subscriptions

Access policy

Data protection policy

Delivery policy (HTTP/S)

Delivery status logging

Encryption

Tags

Subscriptions (1)

Edit Delete Request confirmation Confirm subscription Create subscription

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Create queue | Simple Queue S | Google Chrome Help

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Amazon SQS Queues Create queue

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Configuration

Info

Set the maximum message size, visibility to other consumers, and message retention.

Visibility timeout

Info

30

Seconds

Should be between 0 seconds and 12 hours.

Message retention period

Info

4

Days

Should be between 1 minute and 14 days.

Delivery delay

Info

0

Seconds

Should be between 0 seconds and 15 minutes.

Maximum message size

Info

256

KB

Should be between 1 KB and 256 KB.

Receive message wait time

Info

0

Seconds

Should be between 0 and 20 seconds.

Encryption

Info

Amazon SQS provides in-transit encryption by default. To add at-rest encryption to your queue, enable server-side encryption.

Server-side encryption

Disabled

Enabled

Encryption key type

...

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Send and receive messages | S...Google Chrome Help

https://eu-north-1.console.aws.amazon.com/sqs/v3/home?region=eu-north-1#/queues/https%3A%2F%2Fsqs.eu-north-1.amazonaws.com%2F390844779661%2Ftransactionqueue/send-receive

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Amazon SQSQueuestransactionqueueSend and receive messages

Delivery delayInfo

0Seconds

Should be between 0 seconds and 15 seconds

Message attributes - Options

Receive messagesInfo

Messages available

1

Message: abd2e748-97c9-4696-8795-368797ac08d9

BodyAttributesDetails

"TopicArn": "arn:aws:sns:eu-north-1:390844779661:demo",
"Subject": "test",
"Message": "testmessage",

Done

Messages (1)

test1 match

ID	Sent	Size	Receive count
abd2e748-97c9-4696-8795-368797ac08d9	2024-12-31T05:41+05:30	930 bytes	1

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