

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

new-orders

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 Topic

Maximum 100 characters.

► Encryption - optional

Amazon SNS provides in-transit encryption by default. Enabling server-side encryption adds at-rest encryption to your topic.

✕ 🟢 Topic new-orders created successfully. Publish message ✕ 📘
You can create subscriptions and send messages to them from this topic.

new-orders

Edit Delete Publish message

Details

Name

new-orders

Display name

-

ARN

arn:aws:sns:us-east-1:588145296810:new-orders

Topic owner

588145296810

Type

Standard

< Subscriptions Access policy Data protection policy Delivery policy (HTTP/S) Delivery status logging Encryption T >

Subscriptions (0)

Edit Delete Request confirmation Confirm subscription Create subscription

🔍 Search

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ID	Endpoint	Status	Protocol
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No subscriptions found

Application Integration

Amazon SQS

A message queuing service

Amazon SQS provides queues for high-throughput, system-to-system messaging. You can use queues to decouple heavyweight processes and to buffer and batch work. Amazon SQS stores messages until microservices and serverless applications process them.

Get started

Learn how to use Amazon SQS by creating a queue, sending a message to the queue, and receiving and processing the message.

[Create queue](#)

Pricing (US)

You can get started with Amazon SQS for free. All customers can make 1 million Amazon SQS requests for free each month. Some applications might be able to operate within this Free Tier limit.

[Cost calculator](#)

How it works



Create queue

Details

Type

Choose the queue type for your application or cloud infrastructure.

☒ **Standard** [Info](#)

At-least-once delivery, message ordering isn't preserved

- At-least once delivery
- Best-effort ordering

☐ **FIFO** [Info](#)

First-in-first-out delivery, message ordering is preserved

- First-in-first-out delivery
- Exactly-once processing

[i](#) You can't change the queue type after you create a queue.

Name

Orders-for-Inventory

A queue name is case-sensitive and can have up to 80 characters. You can use alphanumeric characters, hyphens (-), and underscores (_).

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.

Queue Orders-for-Inventory created successfully
You can now send and receive messages.

Amazon SQS > Queues > Orders-for-Inventory

Orders-for-Inventory

Edit Delete Purge Send and receive messages Start DLQ redrive

Details Info

Name	Type	ARN
Orders-for-Inventory	Standard	arn:aws:sqs:us-east-1:588145296810:Orders-for-Inventory
Encryption	URL	Dead-letter queue
Amazon SQS key (SSE-SQS)	https://sqs.us-east-1.amazonaws.com/588145296810/Orders-for-Inventory	-

More

SNS subscriptions Lambda triggers Dead-letter queue Monitoring Tagging Access policy Encryption Dead-letter queue redrive tasks

Subscription region

us-east-1

SNS subscriptions (0) Info

View in SNS Delete Subscribe to Amazon SNS topic

Search subscriptions

1

Amazon SQS > Queues > Create queue

Create queue

Details

Type

Choose the queue type for your application or cloud infrastructure.

Standard Info

At-least-once delivery, message ordering isn't preserved

- At-least once delivery
- Best-effort ordering

FIFO Info

First-in-first-out delivery, message ordering is preserved

- First-in-first-out delivery
- Exactly-once processing

You can't change the queue type after you create a queue.

Name

Orders-for-Analytics

A queue name is case-sensitive and can have up to 80 characters. You can use alphanumeric characters, hyphens (-), and underscores (_).

Configuration Info

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

Visibility timeout Info

30 Seconds

Message retention period Info

4 Days

Queue ordres-for-analytics created successfully

You can now send and receive messages.

Amazon SQS > Queues > ordres-for-analytics

ordres-for-analytics

- Edit
- Delete
- Purge
- Send and receive messages
- Start DLQ

Details info

Name	Type	ARN
ordres-for-analytics	Standard	arn:aws:sqs:us-east-1:588145296810:ordres-for-analytics
Encryption	URL	Dead-letter queue
Amazon SQS key (SSE-SQS)	https://sqs.us-east-1.amazonaws.com/588145296810/ordres-for-analytics	-
<div>More</div>		

- SNS subscriptions
- Lambda triggers
- Dead-letter queue
- Monitoring
- Tagging
- Access policy
- Encryption
- Dead-letter queue redrive tasks

Subscription region

us-east-1

SNS subscriptions (0) info

-
- View in SNS
- Delete
- Subscribe to Amazon SNS

Search subscriptions

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Amazon SQS > Queues

Queues (1)

Edit

Delete

Send and receive messages

Actions

Create queue

Search queues by prefix

	Name	Type	Created	Messages available	Messages in flight	Encryption	Purge
<input checked="" type="radio"/>	Orders-for-inventory	Standard	Jun 28, 2023, 12:08:28 CDT	0	0	Amazon SQS key (SSE-SQS)	-
<input type="radio"/>	ordres-for-analytics	Standard	Jun 28, 2023, 12:09:36 CDT	0	0	Amazon SQS key (SSE-SQS)	-

Subscribe to Amazon SNS topic [Info](#)

Amazon SNS topic

To allow your queue to receive messages from an Amazon SNS topic, subscribe it to an Amazon SNS topic.

Specify an Amazon SNS topic available for this queue.

arn:aws:sns:us-east-1:588145296810:new-orders ▼

Cancel

Save

Subscribe to Amazon SNS topic [Info](#)

Amazon SNS topic

To allow your queue to receive messages from an Amazon SNS topic, subscribe it to an Amazon SNS topic.

Specify an Amazon SNS topic available for this queue.

arn:aws:sns:us-east-1:588145296810:new-orders ▼

Cancel

Save

Subscribed successfully to topic arn:aws:sns:us-east-1:588145296810:new-orders.

Amazon SQS > Queues > orders-for-analytics

orders-for-analytics

[Edit](#)[Delete](#)[Purge](#)[Send and receive messages](#)[Start DLQ redrive](#)

Details [Info](#)

Name orders-for-analytics	Type Standard	ARN arn:aws:sqs:us-east-1:588145296810:orders-for-analytics
Encryption Amazon SQS key (SSE-SQS)	URL https://sqs.us-east-1.amazonaws.com/588145296810/orders-for-analytics	Dead-letter queue -

[▶ More](#)

SNS subscriptions

[Lambda triggers](#)[Dead-letter queue](#)[Monitoring](#)[Tagging](#)[Access policy](#)[Encryption](#)[Dead-letter queue redrive tasks](#)

Subscription region

us-east-1

SNS subscriptions (1) [Info](#)

[View in SNS](#)[Delete](#)[Subscribe to Amazon SNS topic](#)

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Subscribed successfully to topic arn:aws:sns:us-east-1:588145296810:new-orders.

Amazon SQS > Queues > Orders-for-Inventory

Orders-for-Inventory

[Edit](#)[Delete](#)[Purge](#)[Send and receive messages](#)[Start DLQ redrive](#)

Details [Info](#)

Name Orders-for-Inventory	Type Standard	ARN arn:aws:sqs:us-east-1:588145296810:Orders-for-Inventory
Encryption Amazon SQS key (SSE-SQS)	URL https://sqs.us-east-1.amazonaws.com/588145296810/Orders-for-Inventory	Dead-letter queue -

[▶ More](#)

SNS subscriptions

[Lambda triggers](#)[Dead-letter queue](#)[Monitoring](#)[Tagging](#)[Access policy](#)[Encryption](#)[Dead-letter queue redrive tasks](#)

Subscription region

us-east-1

SNS subscriptions (1) [Info](#)

[View in SNS](#)[Delete](#)[Subscribe to Amazon SNS topic](#)

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Topics (1)


Edit

Delete

Publish message

Create topic

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Name ▲	Type ▼	ARN ▼
 new-orders	Standard	arn:aws:sns:us-east-1:588145296810:new-o...

Message details

Topic ARN

arn:aws:sns:us-east-1:588145296810:new-orders

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

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 1 x Widget @ $29.99 USD
2 2 x Widget Cables @ $4.99
```


Message published to topic new-orders successfully.
Message "ID": 66bcc7f7-805f-586d-984a-9ae1ecb678ac
Request "ID": d747521f-074f-5905-a896-0f096ba699c4

Publish another message

Amazon SNS > Topics > new-orders

new-orders

Edit

Delete

Publish message

Details

Name
new-orders

Display name

-

ARN
arn:aws:sns:us-east-1:588145296810:new-orders

Topic owner
588145296810

Type
Standard

< Subscriptions Access policy Data protection policy Delivery policy (HTTP/S) Delivery status logging Encryption T >

Subscriptions (2)

Edit

Delete

Request confirmation

Confirm subscription

Create subscription

Q Search

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Amazon SQS > Queues > Orders-for-Inventory

Orders-for-Inventory

Edit

Delete

Purge

Send and receive messages

Start DLQ redrive

Details [Info](#)

Name
Orders-for-Inventory

Type
Standard

ARN
arn:aws:sqs:us-east-1:588145296810:Orders-for-Inventory

Encryption
Amazon SQS key (SSE-SQS)

URL
<https://sqs.us-east-1.amazonaws.com/588145296810/Orders-for-Inventory>

Dead-letter queue
-

► More

SNS subscriptions Lambda triggers Dead-letter queue Monitoring Tagging Access policy Encryption Dead-letter queue redrive tasks

Subscription region

us-east-1

SNS subscriptions (1) [Info](#)



View in SNS

Delete

Subscribe to Amazon SNS topic

Q Search subscriptions

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message body

Enter the message to send to the queue.

Enter message

Delivery delay [Info](#)

0

Seconds

Should be between 0 seconds and 15 minutes.

► Message attributes - *Optional* [Info](#)

Receive messages [Info](#)

Edit poll settings

Stop polling

Poll for messages

Messages available

1

Polling duration

30

Maximum message count

10

Polling progress

0 receives/second 0%

Messages (0)

View details

Delete

Search messages

< 1 > ⚙

ID Sent Size Receive count

No messages. To view messages in the queue, poll for messages.

Message: 979c73f1-87a8-457a-8ea2-1c9819118bd9

Body

Attributes

Details

TopicArn : arn:aws:sns:us-east-1:306143290810:new-orders ,
"Subject" : "Order 123-4567890-1234567",
"Message" : "1 x Widget @ \$29.99 USD\n2 x Widget Cables @ \$4.99",
"Timestamp" : "2023-06-28T17:15:21.931Z",

Done

30

10

0 receives/second

View details

Delete

< 1 >

Message: 62facce1-e9c5-41d4-9792-e55d1b52eb57

Body

Attributes

Details

Subject : Order 123-4567890-1234567 ,
"Message" : "1 x Widget @ \$29.99 USD\n2 x Widget Cables @ \$4.99",
"Timestamp" : "2023-06-28T17:15:21.931Z",
"SignatureVersion" : "1",

Done

30

10

0 receives/second

View details

Delete

< 1 >