

EMAIL NOTIFICATION ON OBJECT MANIPULATION ON S3 USING LAMBDA AND SNS

The screenshot shows the AWS Console Home page. On the left, under 'Recently visited', there are links to EC2, S3, IAM, Route 53, Simple Notification Service, Lambda, EFS, VPC, and DynamoDB. To the right, the 'Applications' section is displayed, showing 0 applications with a 'Create application' button.

The screenshot shows the 'Welcome to AWS' section with a 'Getting started with AWS' link. It also shows the 'AWS Health' and 'Cost and usage' sections. The 'Cost and usage' section displays current month costs at \$0.07 and a forecasted month end cost of approximately \$0.08.

The screenshot shows the Amazon S3 landing page. It features a large 'Amazon S3' logo with the tagline 'Store and retrieve any amount of data from anywhere'. Below the tagline, it says 'Amazon S3 is an object storage service that offers industry-leading scalability, data availability, security, and performance.' A 'Create bucket' button is prominently displayed. Other sections include 'How it works' (with a video thumbnail), 'Pricing' (mentioning no minimum fees), and 'Resources' (links to User guide and API reference).

Launch AWS Academy Learner | Create S3 bucket | S3 | us-east-1 | +

us-east-1.console.aws.amazon.com/s3/bucket/create?region=us-east-1&bucketType=general

aws Search [Alt+S] United States (N. Virginia) v vocabs/user3879115=jadavkeshav002@gmail.com @ 0082-8309-3548

Amazon S3 > Buckets > Create bucket

Create bucket Info

Buckets are containers for data stored in S3.

General configuration

AWS Region
US East (N. Virginia) us-east-1

Bucket type Info

General purpose
Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

Directory
Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

Bucket name Info
ddemmo

Bucket names must be 3 to 63 characters and unique within the global namespace. Bucket names must also begin and end with a letter or number. Valid characters are a-z, 0-9, periods (.), and hyphens (-). [Learn More](#)

Copy settings from existing bucket - optional
Only the bucket settings in the following configuration are copied.
[Choose bucket](#)

Format: s3://bucket/prefix

Object Ownership Info

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

ACLs disabled (recommended)
All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

ACLs enabled
Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

Object Ownership CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 11:41 28-04-2025

Launch AWS Academy Learner | Create S3 bucket | S3 | us-east-1 | +

us-east-1.console.aws.amazon.com/s3/bucket/create?region=us-east-1&bucketType=general

aws Search [Alt+S] United States (N. Virginia) vocabs/user3879115-jadavkeshav002@gmail.com @ 0082-8309-3548

Amazon S3 > Buckets > Create bucket

Block Public Access settings for this bucket

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

Block all public access
Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

- Block public access to buckets and objects granted through new access control lists (ACLs)**
S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.
- Block public access to buckets and objects granted through any access control lists (ACLs)**
S3 will ignore all ACLs that grant public access to buckets and objects.
- Block public access to buckets and objects granted through new public bucket or access point policies**
S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.
- Block public and cross-account access to buckets and objects through any public bucket or access point policies**
S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

⚠️ Turning off block all public access might result in this bucket and the objects within becoming public
AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.

I acknowledge that the current settings might result in this bucket and the objects within becoming public.

Bucket Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

Bucket Versioning
 Disable
 Enable

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Launch AWS Academy Learner | Create S3 bucket | S3 | us-east-1 | +

us-east-1.console.aws.amazon.com/s3/bucket/create?region=us-east-1&bucketType=general

aws Search [Alt+S] United States (N. Virginia) vocabs/user3879115-jadavkeshav002@gmail.com @ 0082-8309-3548

Amazon S3 > Buckets > Create bucket

No tags associated with this bucket.

[Add tag](#)

Default encryption [Info](#)

Server-side encryption is automatically applied to new objects stored in this bucket.

Encryption type [Info](#)
 Server-side encryption with Amazon S3 managed keys (SSE-S3)
 Server-side encryption with AWS Key Management Service keys (SSE-KMS)
 Dual-layer server-side encryption with AWS Key Management Service keys (DSS-E-KMS)
Secure your objects with two separate layers of encryption. For details on pricing, see DSSE-KMS pricing on the Storage tab of the [Amazon S3 pricing page](#).

Bucket Key
Using an S3 Bucket Key for SSE-KMS reduces encryption costs by lowering calls to AWS KMS. S3 Bucket Keys aren't supported for DSSE-KMS. [Learn more](#)

Disable
 Enable

▶ Advanced settings

ⓘ After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket settings.

[Cancel](#) [Create bucket](#)

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S3 buckets | S3 | us-east-1

Successfully created bucket "ddemmo00". To upload files and folders, or to configure additional bucket settings, choose View details.

Account snapshot - updated every 24 hours All AWS Regions

Storage lens provides visibility into storage usage and activity trends. Metrics don't include directory buckets. Learn more

General purpose buckets | Directory buckets

General purpose buckets (1) Info All AWS Regions

Buckets are containers for data stored in S3.

Name	AWS Region	IAM Access Analyzer	Creation date
ddemmo00	US East (N. Virginia) us-east-1	View analyzer for us-east-1	April 28, 2025, 11:41:37 (UTC+05:30)

Copy ARN | Empty | Delete | Create bucket

CloudShell Feedback

Launch AWS Academy Learner | Dashboard | Simple Notifications | S3 buckets | S3 | us-east-1

New Feature Amazon SNS now supports High Throughput FIFO topics. Learn more

Amazon SNS > Dashboard

Amazon SNS

- Dashboard
- Topics
- Subscriptions
- Mobile
 - Push notifications
 - Text messaging (SMS)

Resources for us-east-1

Topics	Platform applications	Subscriptions
1	0	1

Overview of Amazon SNS

Application-to-application (A2A)

Amazon SNS is a managed messaging service that lets you decouple publishers from subscribers. This is useful for application-to-application messaging for microservices, distributed systems, and serverless applications. Learn more

The diagram illustrates the message flow in Amazon SNS:

- Publisher:** Publishes messages to an Amazon SNS topic.
- Amazon SNS:** Manages the Pub/Sub messaging and event-driven computing service.
- SNS topic:** Distributes messages to subscribers with topics.
- Dead-letter queue:** If an endpoint is unreachable, messages can be held in a dead-letter queue for analysis or reprocessing.
- Message Filtering and Retention:** Filters messages according to subscription filter policies and delivers them to subscribers.
- Subscribers:** Subscribes to topics in subscribing services like Lambda, SQS, Data Firehose, HTTP/HTTPS, and Email.

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Screenshot of the AWS SNS Topics page showing a single topic named "RedshiftSNS".

The page includes a search bar, edit, delete, publish message, and create topic buttons. The ARN of the topic is listed as "arn:aws:sns:us-east-1:008283093548:RedshiftSNS".

Screenshot of the AWS SNS Create Topic page.

The "Details" section shows two topic types: "FIFO (first-in, first-out)" and "Standard". "Standard" is selected. The "Name" field contains "user-email-topic". The "Display name - optional" field contains "My Topic".

The "Encryption - optional" section notes that Amazon SNS provides in-transit encryption by default.

Screenshot of the AWS SNS 'Create topic' configuration page.

The page shows several optional configuration sections:

- Access policy - optional**: This policy defines who can access your topic. By default, only the topic owner can publish or subscribe to the topic.
- Data protection policy - optional**: This policy defines which sensitive data to monitor and to prevent from being exchanged via your topic.
- Delivery policy (HTTP/S) - optional**: 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**: 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**: Use AWS X-Ray active tracing for this topic to view its traces and service map in Amazon CloudWatch. Additional costs apply.

At the bottom right, there are 'Cancel' and 'Create topic' buttons.

Screenshot of the AWS SNS 'Topics' page showing a newly created topic.

The topic 'user-email-topic' has been successfully created, as indicated by the green notification bar:

- New Feature**: Amazon SNS now supports High Throughput FIFO topics. [Learn more](#)
- Topic user-email-topic created successfully.**: You can create subscriptions and send messages to them from this topic.

The 'user-email-topic' details page is shown, including:

- Details** section: Name (user-email-topic), ARN (arn:aws:sns:us-east-1:008283093548:user-email-topic), Type (Standard).
- Subscriptions** tab: Subscriptions (0). A table with columns ID, Endpoint, Status, and Protocol. No subscriptions found.
- Actions**: Publish message, Edit, Delete, Publish message.

At the bottom right, there are 'Edit', 'Delete', 'Request confirmation', 'Confirm subscription', and 'Create subscription' buttons.

At the very bottom, there are 'CloudShell', 'Feedback', and navigation icons.

Launch AWS Academy Learner | Topics | Simple Notification Ser... | S3 buckets | S3 | us-east-1 | 12_SNS.pdf

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

Amazon SNS > Topics

New Feature
Amazon SNS now supports High Throughput FIFO topics. Learn more

Topics (2)

Name	Type	ARN
RedshiftSNS	Standard	arn:aws:sns:us-east-1:008283093548:RedshiftSNS
user-email-topic	Standard	arn:aws:sns:us-east-1:008283093548:user-email-topic

Edit Delete Publish message Create topic

CloudShell Feedback

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Launch AWS Academy Learner | Subscriptions | Simple Notificati... | S3 buckets | S3 | us-east-1 | 12_SNS.pdf

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

Amazon SNS > Subscriptions

New Feature
Amazon SNS now supports High Throughput FIFO topics. Learn more

Subscriptions (1)

ID	Endpoint	Status	Protocol	Topic
d8279843-59b6-47ad-a304-be4...	arn:aws:lambda:us-east-1:00828...	Confirmed	LAMBDA	RedshiftSNS

Edit Delete Request confirmation Confirm subscription Create subscription

CloudShell Feedback

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ENG IN 11:45 28-04-2025

Screenshot of the AWS SNS 'Create subscription' page.

The page shows a 'New Feature' banner: "Amazon SNS now supports High Throughput FIFO topics. Learn more".

Details

Topic ARN: arn:aws:sns:us-east-1:008283093548:user-email-topic

Protocol: Email

Endpoint: jadavkeshav002@gmail.com

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.

Bottom navigation bar: CloudShell, Feedback, Search, various icons, © 2025, Amazon Web Services, Inc. or its affiliates., Privacy, Terms, Cookie preferences, ENG IN, 11:46, 28-04-2025.

The screenshot shows the AWS SNS Subscription Details page. A green success message at the top states "Subscription to user-email-topic created successfully." Below it, the ARN of the subscription is listed as arn:aws:sns:us-east-1:008283093548:user-email-topic:37e12c96-d102-45e9-9284-a6fde329798d. The subscription details include:

- ARN:** arn:aws:sns:us-east-1:008283093548:user-email-topic:37e12c96-d102-45e9-9284-a6fde329798d
- Endpoint:** jadavkeshav002@gmail.com
- Topic:** user-email-topic
- Subscription Principal:** arn:aws:iam::008283093548:role/voclabs

The status is shown as "Pending confirmation". The protocol is set to "EMAIL".

Below the details, there are tabs for "Subscription filter policy" (selected) and "Redrive policy (dead-letter queue)". The "Subscription filter policy" section indicates "No filter policy configured for this subscription. To apply a filter policy, edit this subscription."

The screenshot shows a Gmail inbox with an email from "AWS Notifications <no-reply@sns.amazonaws.com> to me". The subject is "AWS Notification - Subscription Confirmation". The email body contains the following text:

You have chosen to subscribe to the topic:
arn:aws:sns:us-east-1:008283093548:user-email-topic

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-out.out](#).

At the bottom of the email are buttons for "Reply", "Forward", and "Compose".

Screenshot of the AWS SNS Subscriptions page:

The page shows two confirmed subscriptions:

ID	Endpoint	Status	Protocol	Topic
d8279843-59b6-47ad-a304-be4...	arn:aws:lambda:us-east-1:00828...	Confirmed	LAMBDA	RedshiftSNS
37e12c96-d102-45e9-9284-a6fd...	jadavkeshav002@gmail.com	Confirmed	EMAIL	user-email-topic

Screenshot of the AWS Lambda Functions page:

The page shows five Lambda functions:

Function name	Description	Package type	Runtime	Last modified
RedshiftEventSubscription	Create Redshift event subscription to SNS Topic.	Zip	Python 3.9	2 months ago
MainMonitoringFunction	-	Zip	Python 3.9	2 months ago
RoleCreationFunction	Create SLR if absent	Zip	Python 3.9	2 months ago
RedshiftOverwatch	Deletes Redshift Cluster if the count is more than 2.	Zip	Python 3.9	2 months ago
ModLabRole	updates LabRole to allow it to assume itself	Zip	Python 3.9	2 months ago

Screenshot of the AWS Lambda 'Create function' wizard.

The page title is "Create function" and the URL is "us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/create/function".

Create function

Choose one of the following options to create your function.

- Author from scratch
Start with a simple Hello World example.
- Use a blueprint
Build a Lambda application from sample code and configuration presets for common use cases.
- Container image
Select a container image to deploy for your function.

Basic information

Function name
Enter a name that describes the purpose of your function.

Runtime **Info**
Choose the language to use for your function. Note that the console code editor supports only Node.js, Python, and Ruby.
 Python 3.13

Architecture **Info**
Choose the instruction set architecture you want for your function code.
 x86_64
 arm64

Permissions **Info**
By default, Lambda will create an execution role with permissions to upload logs to Amazon CloudWatch Logs. You can customize this default role later when adding triggers.

Change default execution role

Execution role
Choose a role that defines the permissions of your function. To create a custom role, go to the IAM console.
 Create a new role with basic Lambda permissions

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Screenshot of the AWS Lambda 'Create function' wizard:

Architecture: Python 3.13, x86_64

Permissions: Use an existing role (LabRole)

Execution role: Use an existing role (LabRole)

Additional Configurations:

s3-trigger Function Overview:

- Description:** Last modified 8 seconds ago.
- Function ARN:** arn:aws:lambda:us-east-1:008283093548:function:s3-trigger
- Function URL:** (Info)

Code source:

```
lambda_function.py
1 import json
2
3 def lambda_handler(event, context):
```

Code editor interface showing the Lambda function code.

Screenshot of the AWS Lambda 'Add trigger' configuration page.

Trigger configuration

Bucket: Choose or enter the ARN of an S3 bucket that serves as the event source. The bucket must be in the same region as the function.

Bucket: s3/demmmo

Event types: Select the events that you want to have trigger the Lambda function. You can optionally set up a prefix or suffix for an event. However, for each bucket, individual events cannot have multiple configurations with overlapping prefixes or suffixes that could match the same object key.

All object create events

Prefix - optional: Enter a single optional prefix to limit the notifications to objects with keys that start with matching characters. Any special characters must be URL encoded.

e.g. images/

Suffix - optional: Enter a single optional suffix to limit the notifications to objects with keys that end with matching characters. Any special characters must be URL encoded.

e.g. .jpg

Recursive invocation: If your function writes objects to an S3 bucket, ensure that you are using different S3 buckets for input and output. Writing to the same bucket increases the risk of creating a recursive invocation, which can result in increased Lambda usage and increased costs. Learn more

I acknowledge that using the same S3 bucket for both input and output is not recommended and that this configuration can cause recursive invocations, increased Lambda usage, and increased costs.

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Screenshot of the AWS Lambda 's3-trigger' configuration page.

s3-trigger

The trigger ddemmo was successfully added to function s3-trigger. The function is now receiving events from the trigger.

Function overview

Description

Last modified: 59 seconds ago

Function ARN: arn:aws:lambda:us-east-1:008283093548:function:s3-trigger

Function URL: Info

Configuration

General configuration

Description: -

Memory: 128 MB

Ephemeral storage: 512 MB

Actions

Throttle, Copy ARN, Actions

Export to Infrastructure Composer, Download

Code | Test | Monitor | Configuration | Aliases | Versions

CloudShell Feedback ENG IN 11:49 28-04-2025

[Launch AWS Academy Learner](#) | [Subscriptions | Simple Notifications](#) | [S3 buckets | S3 | us-east-1](#) | [Add destination | s3-trigger | F](#)

us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/s3-trigger/create/destination?tab=code

Lambda > Functions > [s3-trigger](#) > Add destination

Add destination

Destination configuration [Info](#)

Configure a destination to receive invocation records. Lambda can send records when your function is invoked asynchronously, or when your function processes records from an event source mapping.

Source
Choose the invocation type that Lambda sends records for.
 Asynchronous invocation
 Event source mapping invocation

Condition
Choose whether to send invocation records for event processing failures or for successful invocations.
 On failure
 On success

Destination type
Choose the destination type that Lambda sends invocation records to.
 SNS topic

Destination
Choose the ARN of the destination, or enter the ARN manually.
 arn:aws:sns:us-east-1:008283093548:user-email-topic

Permissions
If your execution role doesn't have the required permissions for the selected destination, then Lambda will attempt to add the permissions to the role.

[Cancel](#) [Save](#)

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ENGLISH 11:55 28-04-2025

Launch AWS Academy Learner | Subscriptions | Simple Notifications | S3 buckets | S3 | us-east-1 | Lambda | us-east-1

us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/s3-trigger?code&subtab=destinations&tab=code

Lambda > Functions > [s3-trigger](#)

Your changes have been saved.

s3-trigger

[Throttle](#) [Copy ARN](#) [Actions ▾](#)

[Export to Infrastructure Composer](#) [Download](#)

Function overview [Info](#)

[Diagram](#) [Template](#)

Diagram

```

graph LR
    S3[S3] --> S3Trigger[s3-trigger]
    S3Trigger --> SNS[SNS]
    
```

[+ Add trigger](#) [+ Add destination](#)

Description

Last modified 7 minutes ago

Function ARN
 arn:aws:lambda:us-east-1:008283093548:function:s3-trigger

Function URL [Info](#)

[Code](#) [Test](#) [Monitor](#) [Configuration](#) [Aliases](#) [Versions](#)

Destinations [Info](#)

[Remove](#) [Edit](#) [Add destination](#)

Source	Event source mapping	Condition	Destination

General configuration
 Triggers
 Permissions
 Destinations

CloudShell Feedback

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Screenshot of the AWS CloudShell interface showing the AWS Management Console.

The browser tabs are:

- Launch AWS Academy Learner
- Topics | Simple Notification Ser...
- S3 buckets | S3 | us-east-1
- Lambda | us-east-1

The address bar shows: us-east-1.console.aws.amazon.com/sns/v3/home?region=us-east-1#/topics

The AWS Management Console sidebar shows:

- Amazon SNS
- Dashboard
- Topics**
- Subscriptions
- Mobile
 - Push notifications
 - Text messaging (SMS)

The main content area displays the "Topics (2)" page with the following data:

Name	Type	ARN
RedshiftSNS	Standard	arn:aws:sns:us-east-1:008283093548:RedshiftSNS
user-email-topic	Standard	arn:aws:sns:us-east-1:008283093548:user-email-topic

Buttons at the top right: Edit, Delete, Publish message, Create topic.

The status bar at the bottom indicates: © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 11:55 28-04-2025

Screenshot of the AWS CloudShell interface showing the AWS Management Console.

The browser tabs are:

- Launch AWS Academy Learner
- user-email-topic | Topics | Simp...
- S3 buckets | S3 | us-east-1
- Lambda | us-east-1

The address bar shows: us-east-1.console.aws.amazon.com/sns/v3/home?region=us-east-1#/topic/arn:aws:sns:us-east-1:008283093548:user-email-topic

The AWS Management Console sidebar shows:

- Amazon SNS
- Dashboard
- Topics
- Subscriptions
- Mobile
 - Push notifications
 - Text messaging (SMS)

The main content area displays the "user-email-topic" topic details page with the following data:

Name	Display name
user-email-topic	-

Topic owner: 008283093548

Type: Standard

Subscriptions tab is selected. Subscriptions table:

ID	Endpoint	Status	Protocol
37e12c96-d102-45e9-9284-a6fde529798d	jadavkeshav002@gmail.com	Confirmed	EMAIL

Buttons at the top right: Edit, Delete, Request confirmation, Confirm subscription, Create subscription.

The status bar at the bottom indicates: © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG IN 11:55 28-04-2025

Launch AWS Academy Learner | Edit topic | user-email-topic | Topics | S3 buckets | Lambda

us-east-1.console.aws.amazon.com/sns/v3/home?region=us-east-1#/edit-topic/arn:aws:sns:us-east-1:008283093548:user-email-topic

aws Search [Alt+S] United States (N. Virginia) vocabs/user3879115=jadavkeshav002@gmail.com @ 0082-8309-3548

Amazon SNS > Topics > user-email-topic > Edit topic

New Feature Amazon SNS now supports High Throughput FIFO topics. Learn more

Edit user-email-topic

Details

Name: user-email-topic

Type: Standard

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.

Object Successfully inserted into the bucket! Maximum 100 characters.

► **Encryption - optional** Info

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

► **Access policy - optional** Info

This policy defines who can access your topic. By default, only the topic owner can publish or subscribe to the topic.

► **Data protection policy - optional** Info

This policy defines which sensitive data to monitor and to prevent from being exchanged via your topic.

cloudShell Feedback

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Launch AWS Academy Learner | user-email-topic | Topics | S3 buckets | Lambda

us-east-1.console.aws.amazon.com/sns/v3/home?region=us-east-1#/topic/arn:aws:sns:us-east-1:008283093548:user-email-topic

aws Search [Alt+S] United States (N. Virginia) vocabs/user3879115=jadavkeshav002@gmail.com @ 0082-8309-3548

Amazon SNS > Topics > user-email-topic

New Feature Amazon SNS now supports High Throughput FIFO topics. Learn more

Save changes Topic user-email-topic saved successfully.

user-email-topic

Details

Name: user-email-topic

ARN: arn:aws:sns:us-east-1:008283093548:user-email-topic

Type: Standard

Display name: Object Successfully inserted into the bucket

Topic owner: 008283093548

Subscriptions **Access policy** **Data protection policy** **Delivery policy (HTTP/S)** **Delivery status logging** **Encryption** **Tags** **Integrations**

Subscriptions (1)

ID	Endpoint	Status	Protocol
37e12c96-d102-45e9-9284-a6fde329798d	jadavkeshav002@gmail.com	Confirmed	EMAIL

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ENG IN 11:56 28-04-2025

The screenshot shows the AWS S3 console interface. The top navigation bar includes tabs for Launch AWS Academy Learner, user-email-topic | Topics | Simple, ddemmo - S3 bucket | S3 | us-east-1, and Lambda | us-east-1. The main title is "ddemmo" with a "Info" link. Below the title, there are tabs for Objects, Metadata, Properties, Permissions, Metrics, Management, and Access Points. The "Objects" tab is selected. A sub-header "Objects (0)" is displayed. A message states: "Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions." Below this is a search bar labeled "Find objects by prefix". A table header row shows columns for Name, Type, Last modified, Size, and Storage class. A message "No objects" indicates "You don't have any objects in this bucket." At the bottom right is a blue "Upload" button.

The screenshot shows the AWS S3 console interface for uploading objects. The top navigation bar includes tabs for Launch AWS Academy Learner, user-email-topic | Topics | Simple, ddemmo - S3 bucket ddemmo | S3 | us-east-1, and Lambda | us-east-1. The main title is "ddemmo" with a "Info" link. Below the title, there are tabs for Objects, Metadata, Properties, Permissions, Metrics, Management, and Access Points. The "Objects" tab is selected. A sub-header "Objects (0)" is displayed. A message states: "Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions." Below this is a search bar labeled "Find objects by prefix". A table header row shows columns for Name, Type, Last modified, Size, and Storage class. A message "No objects" indicates "You don't have any objects in this bucket." At the bottom right is a blue "Upload" button.

The screenshot also shows a separate "Upload objects - S3 bucket ddemmo" section. It includes a "Destination" field set to "s3://ddemmo" and a "Permissions" section. The bottom of the screen shows the standard AWS navigation bar with CloudShell, Feedback, and various icons.

The screenshot shows the AWS Lambda console with a tab titled "Upload objects - S3 bucket ddemmo". The main content area displays a success message: "Upload succeeded" with a green circular icon. Below it, a note says "For more information, see the [Files and folders](#) table." A "Close" button is at the top right. Below the message, a summary table shows one file uploaded successfully ("Succeeded") and zero files failed ("Failed"). The "Files and folders" tab is selected, showing a table with one item: "DevOpsHub_Collaborative Workspa... application/vnd.openxmlformats-offic... 9.9 KB Succeeded".

The screenshot shows an AWS Notification Message in a Gmail inbox. The subject is "Object Successfully inserted into the bucket". The message body contains a detailed JSON log of the event. It includes fields like "version", "timestamp", "requestContext", "eventSource", "awsRegion", "eventTime", "eventName", "eventID", "responseElements", "configuration", "bucket", "name", "ownerIdentity", "principalId", and "statusCode". The message was received at 11:58 AM (0 minutes ago). At the bottom, there's a link to unsubscribe from the topic.

Your changes have been saved.

+ Add trigger + Add destination

Code | Test | Monitor | Configuration | Aliases | Versions

General configuration

Triggers

Permissions

Destinations

Function URL

Environment variables

Tags

VPC

RDS databases

Monitoring and operations tools

Concurrency and recursion detection

Asynchronous invocation

CloudShell Feedback

Search

Find triggers

Trigger S3: ddemmo arnaws3c:ddemmo

Details

Fix errors Edit Delete Add trigger

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CloudShell Feedback

Search

CloudShell Feedback

CloudShell Feedback

Launch AWS Academy Learner | user-email-topic | Topics | Simple | Upload objects - S3 bucket ddemmo | s3-trigger | Functions | Lambda | AWS Notification Message - jadavkeshav002@gmail.com @ 0082-8309-3548

us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/s3-trigger/edit?relation=subtab=triggers&tab=configure

All object delete events

PUT

POST

COPY

Multipart upload completed

All object delete events

Permanently deleted

Delete marker created

must be in the same region as the function.

All object delete events X Permanently deleted X Delete marker created X

Prefix - optional

Enter a single optional prefix to limit the notifications to objects with keys that start with matching characters. Any special characters must be URL encoded.

e.g. images/

Suffix - optional

Enter a single optional suffix to limit the notifications to objects with keys that end with matching characters. Any special characters must be URL encoded.

e.g. .jpg

Lambda will add the necessary permissions for AWS S3 to invoke your Lambda function from this trigger. Learn more about the Lambda permissions model.

Cancel Save

CloudShell Feedback

CloudShell Feedback

CloudShell Feedback

Screenshot of the AWS Lambda console showing the configuration for the 's3-trigger' function.

Function Overview:

- Description:** Last modified 15 minutes ago.
- Function ARN:** arn:aws:lambda:us-east-1:008283093548:function:s3-trigger
- Function URL:** Info

Configuration:

- Triggers (1):** Info
- Trigger: S3

Actions: Throttle, Copy ARN, Actions ▾, Export to Infrastructure Composer, Download ▾.

Screenshot of the AWS SNS console showing the configuration for the 'user-email-topic' topic.

Topics:

- user-email-topic:** Details
- Subscriptions:** Subscriptions (1)

ID	Endpoint	Status	Protocol
37e12c96-d102-45e9-9284-a6fde329798d	jadavkeshav002@gmail.com	Confirmed	EMAIL

Actions: Edit, Delete, Publish message, Create subscription.

Screenshot of the AWS SNS console showing the 'Edit user-email-topic' page. The topic 'user-email-topic' has been successfully deleted from the bucket.

Details

Name: user-email-topic

Type: Standard

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.

Object Successfully deleted from the bucket
Maximum 100 characters.

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

Access policy - optional Info
This policy defines who can access your topic. By default, only the topic owner can publish or subscribe to the topic.

Data protection policy - optional Info
This policy defines which sensitive data to monitor and to prevent from being exchanged via your topic.

Delivery policy (HTTP/S) - optional Info

Save changes Topic user-email-topic saved successfully.

user-email-topic

Details

Name: user-email-topic

ARN: arn:aws:sns:us-east-1:008283093548:user-email-topic

Type: Standard

Display name: Object Successfully deleted from the bucket

Topic owner: 008283093548

Subscriptions 1

ID	Endpoint	Status	Protocol
37e12c96-d102-45e9-9284-a6fde329798d	jadavkeshav002@gmail.com	Confirmed	EMAIL

Access policy **Data protection policy** **Delivery policy (HTTP/S)** **Delivery status logging** **Encryption** **Tags** **Integrations**

Create subscription

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The screenshot shows the AWS S3 console with the 'ddemmo' bucket selected. The 'Objects' tab is active, displaying one object: 'DevOpsHub_Collaborative Workspaces with Auto-Cl_CD.docx'. The object was last modified on April 28, 2025, at 11:58:02 UTC+05:30, and has a size of 9.9 KB. The storage class is Standard.

The screenshot shows the 'Delete objects' dialog for the 'ddemmo' bucket. It displays the same single object: 'DevOpsHub_Collaborative Workspaces with Auto-Cl_CD.docx'. A warning message states: "If a folder is selected for deletion, all objects in the folder will be deleted, and any new objects added while the delete action is in progress might also be deleted. If an object is selected for deletion, any new objects with the same name that are uploaded before the delete action is completed will also be deleted." Below this, there is a link to "Learn more".

Specified objects

Name	Type	Last modified	Size
DevOpsHub_Collaborative Workspaces with Auto-Cl_CD.docx	docx	April 28, 2025, 11:58:02 (UTC+05:30)	9.9 KB

Permanently delete objects?

To confirm deletion, type **permanently delete** in the text input field.

Cancel **Delete objects**



Screenshot of the AWS Lambda console showing the results of a delete operation:

Successfully deleted objects
View details below.

Delete objects: status

Summary

Source	Successfully deleted	Failed to delete
s3://ddemmoobucket	1 object, 9.9 KB	0 objects

Failed to delete | Configuration

Failed to delete (0)

Name	Type	Last modified	Size	Error
No objects failed to delete.				

Screenshot of the Gmail inbox showing two AWS notification messages:

AWS Notification Message

Object Successfully inserted into the bucket
Object successfully inserted into the bucket. (no-reply@sns.amazonaws.com) 11:58 AM (6 minutes ago)

```
{"version": "1.0", "timestamp": "2023-04-28T06:28:03.598Z", "requestContext": {"requestId": "52227030-e029-4321-96b9-0aa15d538929", "functionArn": "arn:aws:lambda:us-east-1:123456789012:function:s3-trigger"}, "condition": "Success", "approximateNumberOfRecords": 1}
```

Object Successfully deleted from the bucket
Object successfully deleted from the bucket. (no-reply@sns.amazonaws.com) 12:04 PM (0 minutes ago)

```
{"version": "1.0", "timestamp": "2023-04-28T06:34:05.681Z", "requestContext": {"requestId": "092651af-acd8-4cd2-802e-64491eb05e4", "functionArn": "arn:aws:lambda:us-east-1:000263893548:function:s3-trigger"}, "condition": "Success", "approximateNumberOfRecords": 1}
```

Compose | Search mail | Reply | Forward | Delete | More

AWS DYNAMO DB

The screenshot shows the AWS Console Home page. On the left, there's a sidebar titled "Recently visited" with links to Simple Notification Service, DynamoDB, Lambda, Billing and Cost Management, S3, EC2, IAM, Route 53, EFS, and VPC. Below this are sections for "Welcome to AWS" (Getting started with AWS) and "AWS Health". On the right, there's a "Applications" section with a "Create application" button and a "Cost and usage" section showing current month costs of \$0.07 and a forecasted month end cost of \$0.07.

The screenshot shows the Amazon DynamoDB service homepage. The left sidebar includes options for Dashboard, Tables, Explore items, PartiQL editor, Backups, Exports to S3, Imports from S3, Integrations, Reserved capacity, and Settings. The main content area features a "Get started" section with a "Create table" button, a "Pricing" section, and a "Documentation" section. A "How it works" section is also present. The top navigation bar shows the URL as us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#service.

Create table

Table details Info
DynamoDB is a schemaless database that requires only a table name and a primary key when you create the table.

Table name
This will be used to identify your table.
 String

Partition key
The partition key is part of the table's primary key. It is a hash value that is used to retrieve items from your table and allocate data across hosts for scalability and availability.
 String

Sort key - optional
You can use a sort key as the second part of a table's primary key. The sort key allows you to sort or search among all items sharing the same partition key.
 String

Table settings

Default settings
The fastest way to create your table. You can modify most of these settings after your table has been created. To modify these settings now, choose 'Customize settings'.

Customize settings
Use these advanced features to make DynamoDB work better for your needs.

Default table settings

Setting	Value	Editable after creation
Table class	DynamoDB Standard	Yes
Capacity mode	On-demand	Yes
Maximum read capacity units	-	Yes
Maximum write capacity units	-	Yes
Local secondary indexes	-	No
Global secondary indexes	-	Yes
Encryption key management	Owned by Amazon DynamoDB	Yes
Deletion protection	Off	Yes
Resource-based policy	Not active	Yes

Tags
Tags are pairs of keys and optional values, that you can assign to AWS resources. You can use tags to control access to your resources or track your AWS spending.
No tags are associated with the resource.

Add new tag
You can add 50 more tags.

Create table Cancel

The Employee table was created successfully.

DynamoDB

- Dashboard
- Tables**
- Explore items
- PartiQL editor
- Backups
- Exports to S3
- Imports from S3
- Integrations New
- Reserved capacity
- Settings

DAX

- Clusters
- Subnet groups
- Parameter groups
- Events

Tables (1) Info

Name	Status	Partition key	Sort key	Indexes	Replication Regions	Deletion protection	Favorite	Read capacity mode	Write capacity
Employee	Active	unique (S)	-	0	0	Off	☆	On-demand	On-demand

Employee

General information

Partition key unique (String)	Sort key	Capacity mode On-demand	Table status Active
Alarms <small>No active alarms</small>	Point-in-time recovery (PITR) <small>Off</small>	Item count 0	Table size 0 bytes
Average item size 0 bytes	Resource-based policy <small>Not active</small>	Get live item count	
Amazon Resource Name (ARN) <small>arn:aws:dynamodb:us-east-1:008283093548:table/Employee</small>			

Read/write capacity

The read/write capacity mode controls how you are charged for read and write throughput and how you manage capacity.

Screenshot of the AWS DynamoDB console showing the Employee table.

Employee Table Overview:

- Tables (1)**: Employee
- Scan or query items**: Scan (selected), Query
- Select a table or index**: Table - Employee, All attributes
- Completed**: Items returned: 0, Scanned: 0, Efficiency: 100%, RCU consumed: 2
- Table: Employee - Items returned (0)**: Scan started on April 29, 2025, 10:04:11
- Actions**: Create item

DynamoDB Navigation:

- Dashboard
- Tables
- Explore items**: Parquet editor, Backups, Exports to S3, Imports from S3, Integrations, Reserved capacity, Settings
- DAX**: Clusters, Subnet groups, Parameter groups, Events

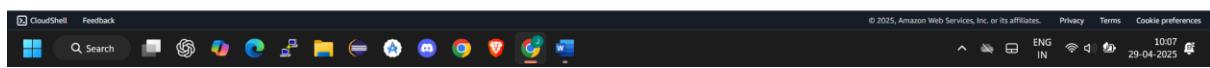
Screenshot of the AWS DynamoDB console showing the Create item page for the Employee table.

Create item - Employee

Attributes

Attribute name	Value	Type
unique - Partition key	emp	String
emp_name	keshav	String
emp_id	101	Number
emp_designation	developer	String
emp_age	20	Number
emp_sal	100000	Number
emp_phone	+918019833422	Number

Buttons: Form, JSON view, Cancel, Create item



Launch AWS Academy Learner | Items | Amazon DynamoDB

us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#item-explorer?table=Employee

DynamoDB > Explore items > Employee

The item has been saved successfully.

Employee

Scan or query items

Scan Query

Select a table or index Table - Employee

Select attribute projection All attributes

Filters - optional

Run Reset

Completed - Items returned: 0 - Items scanned: 0 - Efficiency: 100% - RCU consumed: 2

Table: Employee - Items returned (1)

Scan started on April 29, 2025, 10:04:11

unique (String)	emp_age	emp_designation	emp_id	emp_name	emp_phone	emp_sal
emp	20	developer	101	keshav	+918019833422	100000

Actions Create item

CloudShell Feedback

Launch AWS Academy Learner | Create item | Amazon DynamoDB

us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#edit-item?itemMode=1&route=ROUTE_ITEM_EXPLORER&table=Employee

DynamoDB > Explore items: Employee > Create item

Create item

You can add, remove, or edit the attributes of an item. You can nest attributes inside other attributes up to 32 levels deep. [Learn more](#)

Form JSON view

Add new attribute

Attribute name	Value	Type
unique - Partition key	emp2	String
emp_name	kishan	String
emp_id	101	Number
emp_designation	DevOps Engg.	String
emp_age	99	Number
emp_sal	300000	Number
emp_phone	+919888998899	Number

The conditional request failed. An item with the primary key you provided already exists.

Cancel Create item

CloudShell Feedback

Launch AWS Academy Learner | Create item | Amazon DynamoDB

us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#edit-item?itemMode=1&route=ROUTE_ITEM_EXPLORER&table=Employee

DynamoDB > Explore items: Employee > Create item

Create item

The conditional request failed. An item with the primary key you provided already exists.

Cancel Create item

Launch AWS Academy Learner | Items | Amazon DynamoDB Main

us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#item-explorer?table=Employee

DynamoDB

Dashboard

Tables

Explore items

Parrot editor

Backups

Exports to S3

Imports from S3

Integrations

Reserved capacity

Settings

DAX

Clusters

Subnet groups

Parameter groups

Events

The item has been saved successfully.

Employee

Scan or query items

Scan Query

Select a table or index Table - Employee Select attribute projection All attributes

Filters - optional

Run Reset

Completed - Items returned: 0 - Items scanned: 0 - Efficiency: 100% - RCU's consumed: 2

Table: Employee - Items returned (2)

Scan started on April 29, 2025, 10:04:11

	unique (String)	emp_age	emp_designation	emp_id	emp_name	emp_ph...	emp_sal
emp2	99	DevOps Engg.	101	kishan	+91998899...	300000	
emp	20	developer	101	keshav	+91801983...	100000	

Actions Create Item

CloudShell Feedback

Search

Find tables

Employee

Autopreview View table details

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ENG IN 1013 29-04-2025

Launch AWS Academy Learner | Items | Amazon DynamoDB Main

us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#item-explorer?filter1Comparator=EQUAL&filter1Name=emp_name&filter1Type=S&filter1Value=keshav&operation=SC...

DynamoDB

Dashboard

Tables

Explore items

Parrot editor

Backups

Exports to S3

Imports from S3

Integrations

Reserved capacity

Settings

DAX

Clusters

Subnet groups

Parameter groups

Events

Employee

Scan or query items

Scan Query

Select a table or index Table - Employee Select attribute projection Specific attributes

Specific attributes to project Enter attribute name Add attribute

unique emp_name

Filters - optional

Attribute name Condition Type Value

emp_name Equal to String keshav

Add filter Run Reset

Completed - Items returned: 1 - Items scanned: 2 - Efficiency: 50% - RCU's consumed: 2

Table: Employee - Items returned (1)

Scan started on April 29, 2025, 10:16:03

	unique (String)	emp_age	emp_designation	emp_id	emp_name	emp_ph...	emp_sal
					keshav	+91801983...	100000

Actions Create Item

CloudShell Feedback

Search

Find tables

Employee

Autopreview View table details

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ENG IN 1016 29-04-2025

Launch AWS Academy Learner | Items | Amazon DynamoDB Ma ... +

us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#item-explorer?filter1Comparator=EQUAL&filter1Name=emp_name&filter1Type=S&filter1Value=keshav&operation=SC...

aws Search [Alt+S] United States (N. Virginia) v oclabs/user3679115:jadekeshav002@gmail.com @ 0082:8309-3548

DynamoDB Employee

Dashboard Tables Explore items Parrot editor Backups Exports to S3 Imports from S3 Integrations Reserved capacity Settings

DAX Clusters Subnet groups Parameter groups Events

Select a table or index Table - Employee Select attribute projection Specific attributes

Specific attributes to project Enter attribute name Add attribute unique emp_name

Filters - optional Attribute name Condition Type Value emp_name Equal to String keshav Remove

Add filter Run Reset

Completed - Items returned: 1 - Items scanned: 2 - Efficiency: 50% - RCU's consumed: 2

Table: Employee - Items returned (1)

Scan started on April 29, 2025, 10:16:03

unique (String) emp_name

emp keshav

CloudShell Feedback

CloudShell Feedback

CloudShell Feedback

Launch AWS Academy Learner | Items | Amazon DynamoDB Ma ... +

us-east-1.console.aws.amazon.com/dynamodbv2/home?region=us-east-1#item-explorer?operation=SCAN&select=SPECIFIC_ATTRIBUTES&selectAttribute=unique&selectAttribute=emp_name&ta...

aws Search [Alt+S] United States (N. Virginia) v oclabs/user3679115:jadekeshav002@gmail.com @ 0082:8309-3548

DynamoDB Employee

Dashboard Tables Explore items Parrot editor Backups Exports to S3 Imports from S3 Integrations Reserved capacity Settings

DAX Clusters Subnet groups Parameter groups Events

Any tag key Any tag value Find tables

Scan or query items Scan Query

Select a table or index Table - Employee Select attribute projection Specific attributes

Specific attributes to project Enter attribute name Add attribute unique emp_name

Filters - optional Run Reset

Completed - Items returned: 2 - Items scanned: 2 - Efficiency: 100% - RCU's consumed: 2

Table: Employee - Items returned (2)

Scan started on April 29, 2025, 10:16:38

unique (String) emp_name

emp2 kishan

emp keshav

CloudShell Feedback

CloudShell Feedback

CloudShell Feedback

Screenshot of the AWS DynamoDB console showing a scan operation on the Employee table.

Scan or query items

- Select a table or index:** Table - Employee
- Specific attributes to project:** emp_phone
- Filters - optional:** emp_name = keshav

Completed - Items returned: 2 - Items scanned: 2 - Efficiency: 100% - RCU consumed: 2

Table: Employee - Items returned (2)

emp_phone
919988998899
918019833422

Screenshot of the AWS DynamoDB console showing a scan operation on the Employee table with a filter applied.

Scan or query items

- Select a table or index:** Table - Employee
- Specific attributes to project:** emp_phone
- Filters - optional:** emp_name = keshav

Completed - Items returned: 1 - Items scanned: 2 - Efficiency: 50% - RCU consumed: 2

Table: Employee - Items returned (1)

emp_phone
918019833422

AWS SIMPLE QUEUE SERVICE (SQS)

The screenshot shows the AWS Console Home page. On the left, there's a sidebar with 'Recently visited' services: DynamoDB, Simple Notification Service, Lambda, S3, EC2, IAM, Route 53, and EFS. Below this is a 'Welcome to AWS' section with links for 'Getting started with AWS', 'Training and certification', and 'What's new with AWS?'. To the right, there are sections for 'Applications' (0), 'AWS Health' (with 0 open issues, 0 scheduled changes, and 0 other notifications over the past 7 days), and 'Cost and usage' (showing current month costs of \$0.07, forecasted month end costs of \$0.08, and a bar chart from Nov 24 to Apr 25). At the bottom, there's a navigation bar with CloudShell, Feedback, and several icons.

The screenshot shows the Amazon SQS home page. It features a 'Get started' box with instructions on creating a queue, sending a message, and receiving/processing it. Below this is a 'Pricing (US)' section with information about the Free Tier. To the left, there's a 'Documentation' box with links to the Developer guide, API reference, FAQs, and Support forums. The central part of the page contains a diagram titled 'How it works' showing the flow from Producers (applications, microservices) sending messages to an SQS Queue, which then stores messages for Consumers (applications, Lambda functions, EC2 instances) to poll. A note at the bottom states: 'Amazon SQS allows producers to send messages to a queue. Messages are then stored in an SQS Queue. When consumers are ready to process new messages, they poll the queue for messages to receive and process.' The bottom of the page includes a navigation bar with CloudShell, Feedback, and various icons.

Screenshot of the AWS SQS 'Create queue' wizard, Step 1: Create queue.

Details

Type: Standard info (At-least-once delivery, message ordering isn't preserved)

Race-free info: First-in-first-out delivery, message ordering is preserved

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

Name: Q

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

Configuration

Visibility timeout: 30 Seconds

Should be between 0 seconds and 12 hours.

Delivery delay: 10 Seconds

Should be between 0 seconds and 15 minutes.

Receive message wait time: 0 Seconds

Should be between 0 and 20 seconds.

Message retention period: 1 Minutes

Should be between 1 minute and 14 days.

Maximum message size: 256 KB

Should be between 1 KB and 256 KB.

Encryption

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

Server-side encryption: Enabled

Encryption key type: Amazon SGS key (SSE-SQS)

An encryption key that Amazon SQS creates, manages, and uses for you.

AWS Key Management Service key (SSE-KMS): An encryption key protected by AWS Key Management Service (AWS KMS).

Access policy

Choose method: Basic (Use simple criteria to define a basic 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.

Advanced (Use a JSON object to define an advanced access policy.)

JSON (read-only)

```
{ "version": "2012-10-17", "id": "default_policy_ID", "Statement": [ { "Sid": "__owner_statement", "Effect": "Allow", "Principal": "*", "Action": "SQS:*", "Resource": "arn:aws:sqs:us-east-1:008283093548:Q" } ] }
```

CloudShell Feedback Search United States (N. Virginia) vocabs/user3679115=jadavkeshw002@gmail.com 0082-8309-3548 Privacy Terms Cookie preferences ENG IN 10:32 29-04-2025

Launch AWS Academy Learner | Create queue | Simple Queue S | +

us-east-1.console.aws.amazon.com/sqs/v3/home?region=us-east-1#/create-queue

Amazon SQS > Queues > Create queue

Only the specified AWS account ID, IAM users and roles can receive messages from the queue.

```
    "Action": [      "SQS:*"    ],    "Resource": "arn:aws:sqs:us-east-1:008283093548:Q"
```

Redrive allow policy - optional [Info](#)
Identify which source queues can use this queue as the dead-letter queue.
Select which source queues can use this queue as the dead-letter queue.
 Disabled
 Enabled

Dead-letter queue - Optional [Info](#)
Send undeliverable messages to a dead-letter queue.
Set this queue to receive undeliverable messages.
 Disabled
 Enabled

Tags - Optional [Info](#)
A tag is a label assigned to an AWS resource. Use tags to search and filter your resources or track your AWS costs.

Key	Value - optional
<input type="text" value="Enter key"/>	<input type="text" value="Enter value"/>

[Add new tag](#)

You can add 49 more tags.

[Cancel](#) [Create queue](#)

CloudShell Feedback

CloudShell Feedback

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ENG IN 10:32 29-04-2025

Launch AWS Academy Learner | Queue details | Simple Queue S | +

us-east-1.console.aws.amazon.com/sqs/v3/home?region=us-east-1#/queues/https%3A%2F%2Fsqs.us-east-1.amazonaws.com%2F008283093548%2FQ

Amazon SQS > Queues > Q

Queue Q created successfully
You can now send and receive messages.

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

Details [Info](#)

Name	Type	ARN
<input type="text" value="Q"/>	Standard	arn:aws:sqs:us-east-1:008283093548:Q
Encryption	Amazon SQS key (SSE-SQS)	Dead-letter queue

[More](#)

[SNS subscriptions](#) [Lambda triggers](#) [EventBridge Pipes](#) [Dead-letter queue](#) [Monitoring](#) [Tagging](#) [Queue policies](#) [Encryption](#) [Dead-letter queue redrive tasks](#)

Subscription region: us-east-1

SNS subscriptions (0) [Info](#)

Search subscriptions	Topic ARN

No Amazon SNS subscriptions

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

[Subscribe to Amazon SNS topic](#)

CloudShell Feedback

CloudShell Feedback

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ENG IN 10:32 29-04-2025

Launch AWS Academy Learner | Send and receive messages | +

us-east-1.console.aws.amazon.com/sqs/v3/home?region=us-east-1#/queues/https%3A%2F%2Fsq.us-east-1.amazonaws.com%2F008283093548%2FQ/send-receive

aws Search [Alt+S] United States (N. Virginia) vocabs/user3879115-jedavieshav002@gmail.com @ 0082-8309-3548

Amazon SQS Queues Send and receive messages

Send and receive messages

Send messages to and receive messages from a queue.

Send message Info

Your message has been sent and can be received in 10 seconds.

Message body
Enter the message to send to the queue.
Hello

Delivery delay Info
10 Seconds Should be between 0 seconds and 15 minutes.

Message attributes - Optional Info

Receive messages Info

Messages available: 0 Polling duration: 30 Maximum message count: 10 Polling progress: 0 receives/second

Messages (0)

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

Poll for messages

CloudShell Feedback Search ENG IN 10:34 29-04-2025

Launch AWS Academy Learner | Send and receive messages | +

us-east-1.console.aws.amazon.com/sqs/v3/home?region=us-east-1#/queues/https%3A%2F%2Fsq.us-east-1.amazonaws.com%2F008283093548%2FQ/send-receive

aws Search [Alt+S] United States (N. Virginia) vocabs/user3879115-jedavieshav002@gmail.com @ 0082-8309-3548

Amazon SQS Queues Send and receive messages

Send and receive messages

Send messages to and receive messages from a queue.

Send message Info

Your message has been sent and can be received in 10 seconds.

Message body
Enter the message to send to the queue.
Hello

Delivery delay Info
10 Seconds Should be between 0 seconds and 15 minutes.

Message attributes - Optional Info

Receive messages Info

Messages available: 0 Polling duration: 30 Maximum message count: 10 Polling progress: 1 receives/second

Messages (1)

ID	Sent	Size	Receive count
Saa2a585-0cca-4410-ba62-0957ce54a7a0	2025-04-29T10:34:05.30	4 bytes	1

Poll for messages

CloudShell Feedback Search ENG IN 10:34 29-04-2025

Screenshot of the AWS SQS Send and receive messages interface.

Send message

Your message has been sent and can be received in 10 seconds.

Message body
Enter the message to send to the queue.
Hill

Delivery delay (info)
10 Seconds
Should be between 0 seconds and 15 minutes.

Message attributes - Optional (info)

Receive messages (info)

Messages available: 0

Messages (1)

ID	Sent	Size	Receive count
Saa2a583-Occa-4410-ba82-0957ce54a7a0	2025-04-29T10:34+05:30	4 bytes	1

Polling duration: 30
Maximum message count: 10

Polling progress: 43% (1 receives/second)

Buttons: Clear content, Send message, View details, Stop polling, Poll for messages.

Screenshot of the AWS SQS Send and receive messages interface, showing detailed message information.

Send message

Your message has been sent and can be received in 10 seconds.

Message body
Enter the message to send to the queue.
Hill

Delivery delay (info)
10 Seconds
Should be between 0 seconds and 15 minutes.

Message attributes - Optional (info)

Receive messages (info)

Messages available: 0

Messages (1)

ID	Size	MDS of message body	Sender account ID
Saa2a583-Occa-4410-ba82-0957ce54a7a0	4 bytes	a9a3f9c9db858b48a300d40376b66e	AWSQDQSNV7mQUL0BITCFRUo0e5879115-jedaveshaw002@gmail.com

Details

ID	Size	MDS of message body	Sender account ID
Saa2a583-Occa-4410-ba82-0957ce54a7a0	4 bytes	a9a3f9c9db858b48a300d40376b66e	AWSQDQSNV7mQUL0BITCFRUo0e5879115-jedaveshaw002@gmail.com

Polling duration: 30
Maximum message count: 10

Polling progress: 73% (3 receives/second)

Buttons: Clear content, Send message, View details, Stop polling, Poll for messages.

Launch AWS Academy Learner | Send and receive messages | +

us-east-1.console.aws.amazon.com/sqs/v3/home/?region=us-east-1#/queues/https%3A%2F%2Fsqs.us-east-1.amazonaws.com%2F008283093548%2FQ/send-receive

AWS Search [Alt+S] United States (N. Virginia) vocabs/user5879115-jdavieshav002@gmail.com @ 0082-8309-3548

Amazon SQS Queues Send and receive messages

Send and receive messages

Send messages to and receive messages from a queue.

Send message Info

Your message has been sent and can be received in 10 seconds. View details X

Message body
Enter the message to send to the queue.
Hello From Keshav

Delivery delay Info
10 Seconds Should be between 0 seconds and 15 minutes.

Message attributes - Optional Info

Receive messages Info

Messages available 1 Polling duration 30 Maximum message count 10 Polling progress 0 receives/second

Messages (1)

ID	Sent	Size	Receive count
Saa2a585-0cca-4410-ba82-0957ce54a7a0	2025-04-29T10:34:05-30	4 bytes	2

View details Delete

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Launch AWS Academy Learner | Send and receive messages | +

us-east-1.console.aws.amazon.com/sqs/v3/home/?region=us-east-1#/queues/https%3A%2F%2Fsqs.us-east-1.amazonaws.com%2F008283093548%2FQ/send-receive

AWS Search [Alt+S] United States (N. Virginia) vocabs/user5879115-jdavieshav002@gmail.com @ 0082-8309-3548

Amazon SQS Queues Send and receive messages

Send and receive messages

Send messages to and receive messages from a queue.

Send message Info

Your message has been sent and can be received in 10 seconds. View details X

Message body
Enter the message to send to the queue.
Hello From Keshav

Delivery delay Info
10 Seconds Should be between 0 seconds and 15 minutes.

Message attributes - Optional Info

Receive messages Info

Messages available 1 Polling duration 30 Maximum message count 10 Polling progress 1 receives/second 13%

Messages (1)

ID	Sent	Size	Receive count
02598713-2418-4615-9e3a-e6a100c2bb52	2025-04-29T10:55:05-30	17 bytes	1

View details Delete

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Launch AWS Academy Learner | Send and receive messages | +

us-east-1.console.aws.amazon.com/sqs/v3/home?region=us-east-1#/queues/https%3A%2F%2Fsqs.us-east-1.amazonaws.com%2F008283093548%2FQ/send-receive

Amazon SQS Queues Send and receive messages

Send and receive messages

Send messages to and receive messages from a queue.

Send message Info

Your message has been sent and can be received in 10 seconds.

Message body
Enter the message to send to the queue.
Hello From Keshav

Delivery delay Info
10 Seconds
Should be between 0 seconds and 15 minutes.

Message attributes - Optional Info

Receive messages Info

Messages available 1

Message: 02598713-2418-4615-9e3a-e6a100c2bb52

Body Attributes Details

Hello From Keshav

Done

Polling duration Maximum message count

30 10

Polling progress

1 receives/second 50%

View details Delete

CloudShell Feedback

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ENG IN 1035 29-04-2025

This screenshot shows the AWS SQS 'Send and receive messages' interface. It displays a message being sent with the body 'Hello From Keshav' and a delivery delay of 10 seconds. A message card for the ID '02598713-2418-4615-9e3a-e6a100c2bb52' is shown, detailing the message body, attributes, and various metadata fields like ID, size, and first received time. The message was sent at 2025-04-29T10:35+05:30 and received once at 2025-04-29T10:35+05:30. The message size is 17 bytes, and the MDS of message body is 719d62b2093b37fa1d7a144eb8c405a. The sender account ID is ARD0Q2B9VW7mUJL0BITCFRUo0e5879115-jedaveshawshav02@gmail.com. The message attributes count is 0. The poll progress bar indicates 50% completion with 1 receive/second. The interface includes tabs for 'Send message' and 'Receive messages', and a search bar for messages.

Launch AWS Academy Learner | Send and receive messages | +

us-east-1.console.aws.amazon.com/sqs/v3/home?region=us-east-1#/queues/https%3A%2F%2Fsqs.us-east-1.amazonaws.com%2F008283093548%2FQ/send-receive

Amazon SQS Queues Send and receive messages

Send and receive messages

Send messages to and receive messages from a queue.

Send message Info

Your message has been sent and can be received in 10 seconds.

Message body
Enter the message to send to the queue.
Hello From Keshav

Delivery delay Info
10 Seconds
Should be between 0 seconds and 15 minutes.

Message attributes - Optional Info

Receive messages Info

Messages available 1

Message: 02598713-2418-4615-9e3a-e6a100c2bb52

Body Attributes Details

Hello From Keshav

Done

ID Size MDS of message body

02598713-2418-4615-9e3a-e6a100c2bb52 17 bytes 719d62b2093b37fa1d7a144eb8c405a

Sent First received Receive count

2025-04-29T10:35+05:30 2025-04-29T10:35+05:30 1

MDS of message attributes

Sender account ID ARD0Q2B9VW7mUJL0BITCFRUo0e5879115-jedaveshawshav02@gmail.com

Message attributes count

Polling progress

0 receives/second 70%

View details Delete

CloudShell Feedback

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ENG IN 1036 29-04-2025

This screenshot shows the AWS SQS 'Send and receive messages' interface, similar to the one above but with more detailed message metadata visible in the message card. The message card for '02598713-2418-4615-9e3a-e6a100c2bb52' includes fields for ID, size, MDS of message body, sent and first received times, receive count, and sender account ID. The message body is 'Hello From Keshav'. The message was sent at 2025-04-29T10:35+05:30 and received once at 2025-04-29T10:35+05:30. The message size is 17 bytes, and the MDS of message body is 719d62b2093b37fa1d7a144eb8c405a. The sender account ID is ARD0Q2B9VW7mUJL0BITCFRUo0e5879115-jedaveshawshav02@gmail.com. The message attributes count is 0. The poll progress bar indicates 70% completion with 0 receive/second. The interface includes tabs for 'Send message' and 'Receive messages', and a search bar for messages.

AWS SQS, LAMBDA AND SNS.

The screenshot shows the AWS Lambda Functions page. On the left, there's a sidebar with 'Lambda' selected. The main area displays a table of existing functions:

Function name	Description	Package type	Runtime	Last modified
RedshiftEventSubscription	Create Redshift event subscription to SNS Topic.	Zip	Python 3.9	2 months ago
MainMonitoringFunction	-	Zip	Python 3.9	2 months ago
RoleCreationFunction	Create SLR if absent	Zip	Python 3.9	2 months ago
RedshiftOverwatch	Deletes Redshift Cluster if the count is more than 2.	Zip	Python 3.9	2 months ago
ModelLabRole	updates LabRole to allow it to assume itself	Zip	Python 3.9	2 months ago

At the top right, there are 'Actions' and 'Create function' buttons. The status bar at the bottom indicates 'Last fetched 0 seconds ago'.

The screenshot shows the 'Create function' page. The 'Use a blueprint' option is selected, and the 'Blueprint name' dropdown is set to 'Hello world function'. Other fields include 'Function name' (MyQlambada), 'Runtime' (nodejs18.x), 'Architecture' (x86_64), and 'Execution role' (LabRole). The 'Lambda function code' section is visible at the bottom.

The screenshot shows the 'Create function' wizard in the AWS Lambda console. In the 'Architecture' step, the 'x86_64' option is selected. Under 'Existing role', the 'LabRole' is chosen. In the 'Lambda function code' step, the code is pre-configured as follows:

```
1 //console.log('Loading Function');
2
3 * export const handler = async (event, context) => {
4     //console.log('Received event:', JSON.stringify(event, null, 2));
5     const value1 = event.event.key1;
6     console.log(`value1 = ${value1}`);
7     console.log(`value2 = ${event.event.key2}`);
8     console.log(`value3 = ${event.event.key3}`);
9     return event.key1; // Echo back the first key value
10    // Throw new Error('Something went wrong');
11 }
```

The code editor shows the file is saved as 'index.js'. At the bottom right, there are 'Cancel' and 'Create function' buttons.

The screenshot shows the 'Function overview' tab for the 'MyQLambda' function. The function is described as a 'A starter AWS Lambda function.' It was last modified 16 seconds ago. The ARN is arn:aws:lambda:us-east-1:008283093548:function:MyQLambda. The 'Code' tab is selected, showing the 'index.js' file content. The file contains the same code as shown in the previous screenshot.

```
1 //console.log('Loading Function');
2
3 * export const handler = async (event, context) => {
4     //console.log('Received event:', JSON.stringify(event, null, 2));
5     const value1 = event.event.key1;
6     console.log(`value1 = ${value1}`);
7     console.log(`value2 = ${event.event.key2}`);
8     console.log(`value3 = ${event.event.key3}`);
9     return event.key1; // Echo back the first key value
10    // Throw new Error('Something went wrong');
11 }
```

The AWS taskbar at the bottom indicates it's 10:42 AM on 29-04-2025.

The screenshot shows the 'Queue details' page for a 'Simple Queue' named 'Q'. The 'Lambda triggers' tab is selected. It displays a table with one row under 'Lambda triggers':

UUID	ARN	Status	Last modified
No AWS Lambda triggers			

Below the table is a button labeled 'Configure Lambda function trigger'.

The screenshot shows the 'Trigger AWS Lambda function' configuration dialog. It includes fields for 'Lambda function' (set to 'Set incoming messages to trigger a Lambda function.'), 'Region' (set to 'us-east-1'), and a dropdown for 'Specify an AWS Lambda function available for this queue' containing the ARN: 'arn:aws:lambda:us-east-1:008283093548:function:MyQLambda'. At the bottom are 'Cancel' and 'Save' buttons.



Screenshot of the AWS Lambda function configuration page for "MyQLambda".

Details

- Name:** MyQLambda
- Type:** Standard
- ARN:** arn:aws:sqscus-east-1:008283093548:Q
- Encryption:** Amazon SQS key (SSE-SQS)
- URL:** https://sqscus-east-1.amazonaws.com/008283093548/Q
- Dead-letter queue:** Dead-letter queue

Lambda triggers (1)

UUID	ARN	Status	Last modified
670d2836-39fb-4346-adcf-05822cd971e	arn:aws:lambda:us-east-1:008283093548:function:MyQLambda	Creating (~ 1 minute)	4/29/2025, 10:44:59 AM

Screenshot of the AWS Lambda function configuration page for "MyQLambda".

Function overview

Description: A starter AWS Lambda function.

Last modified: 4 minutes ago

Function ARN: arn:aws:lambda:us-east-1:008283093548:function:MyQLambda

Function URL: [info]

Code source

index.js

```
1 console.log("Loading function");
2
3 export const handler = async (event, context) => {
4     //console.log('Received event:', JSON.stringify(event, null, 2));
5     console.log('value1 = ', event.key1);
6     console.log('value2 = ', event.key2);
7     console.log('value3 = ', event.key3);
8     return event.key1; // Echo back the first key value
9 }
10 // Throw new Error('Something went wrong');
```

The screenshot shows the Amazon SNS Dashboard for the us-east-1 region. It features a sidebar with navigation links like CloudShell, Feedback, and CloudWatch Metrics. The main area has a blue banner at the top announcing support for High Throughput FIFO topics. Below it, the Dashboard section displays three cards: 'Topics' (1), 'Platform applications' (0), and 'Subscriptions' (1). A large diagram illustrates the message flow: a 'Publisher' sends messages to an 'Amazon SNS' topic, which then distributes them to a 'Dead letter queue' (for errors) and 'Subscribers' (via various platforms like AWS Lambda, Amazon SQS, Amazon Kinesis, and Email). The 'Amazon SNS' box also indicates it supports 'Application-to-application (A2A)' and 'Application-to-person (A2P)' messaging.

The screenshot shows the AWS SNS Topics page. At the top, there is a blue banner with the text "Amazon SNS now supports High Throughput FIFO topics. Learn more" and a "New Feature" icon. Below the banner, the page title is "Topics (1)". On the left sidebar, under the "Mobile" section, there is a "Text messaging (SMS)" link. The main content area displays a table with one row. The table has columns for "Name" and "Type". The single row contains the name "RedshiftSNS" and the type "Standard". To the right of the table, the ARN is shown as "arn:aws:sns:us-east-1:0008283093548:RedshiftSNS". On the far right of the table, there are buttons for "Edit", "Delete", "Publish message", and "Create topic". The bottom of the page includes standard AWS navigation links like CloudShell, Feedback, and a footer with copyright information and cookie preferences.

Screenshot of the AWS SNS 'Create topic' page.

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: user-email-topic
Maximum 256 characters. Can include alphanumeric characters, hyphens (-) and underscores (_).

Display name - optional: My Topic
To use this topic with SMS subscriptions, enter a display name. Only the first 10 characters are displayed in an SMS message.

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

Access policy - optional: This policy defines who can access your topic. By default, only the topic owner can publish or subscribe to the topic.

Data protection policy - optional: This policy defines which sensitive data to monitor and to prevent from being exchanged via your topic.

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Screenshot of the AWS SNS 'Topics' page showing the newly created 'user-email-topic'.

Topic user-email-topic created successfully.
You can create subscriptions and send messages to them from this topic.

user-email-topic

Details

Name : user-email-topic	Display name : -
ARN : arn:aws:sns:us-east-1:008283093548:user-email-topic	Topic owner : 008283093548
Type : Standard	

Subscriptions | Access policy | Data protection policy | Delivery policy (HTTP/S) | Delivery status logging | Encryption | Tags | Integrations

Subscriptions (0)

ID	Endpoint	Status	Protocol
No subscriptions found. You don't have any subscriptions to this topic.			

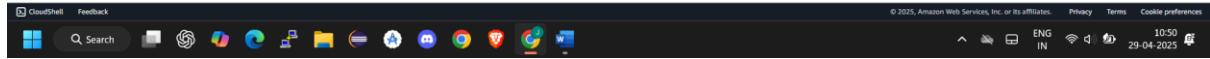
Publish message | Edit | Delete | Publish message

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The screenshot shows the AWS SNS Subscriptions page. On the left, there's a sidebar with 'Amazon SNS' selected. The main area has a table titled 'Subscriptions (1)'. The table has columns for ID, Endpoint, Status, Protocol, and Topic. One row is shown with the following details:

ID	Endpoint	Status	Protocol	Topic
db279843-59b6-47ad-a304-be4010d07...	arn:aws:lambda:us-east-1:00828309354...	Confirmed	LAMBDA	RedshiftSNS

The screenshot shows the 'Create subscription' wizard. Step 1: Details. It has fields for Topic ARN (arn:aws:sns:us-east-1:00828309354:user-email-topic), Protocol (Email selected), and Endpoint (jadavkeshav002@gmail.com). A note says 'After your subscription is created, you must confirm it.' Below are sections for 'Subscription filter policy - optional' and 'Redrive policy (dead-letter queue) - optional'. At the bottom are 'Cancel' and 'Create subscription' buttons.



Screenshot of the AWS SNS Subscription details page for a user-email-topic subscription.

Subscription: 0c0d4ffa-ae13-4dd2-bf7e-916001180431

Details

ARN arn:aws:sns:us-east-1:008283093548:user-email-topic:0c0d4ffa-ae13-4dd2-bf7e-916001180431	Status Pending confirmation
Endpoint jadavkeshav002@gmail.com	Protocol EMAIL
Topic user-email-topic	
Subscription Principal arn:aws:iam:008283093548:role/voclabs	

Subscription filter policy | Redrive policy (dead-letter queue)

Subscription filter policy Info
This policy filters the messages that a subscriber receives.

No filter policy configured for this subscription.
To apply a filter policy, edit this subscription.

[Edit](#)

Screenshot of the AWS SNS Subscriptions page showing two confirmed subscriptions.

Subscriptions (2)

ID	Endpoint	Status	Protocol	Topic
db279843-59b6-47ad-a304-be4010d07...	arn:aws:lambda:us-east-1:00828309354...	Confirmed	LAMBDA	RedshiftSNS
0c0d4ffa-ae13-4dd2-bf7e-916001180431	jadavkeshav002@gmail.com	Confirmed	EMAIL	user-email-topic

[Edit](#) | [Delete](#) | [Request confirmation](#) | [Confirm subscription](#) | [Create subscription](#)

Function overview

Description
A starter AWS Lambda function.

Last modified
9 minutes ago

Function ARN
arn:aws:lambda:us-east-1:008283093548:function:MyQLambda

Function URL | [Info](#)

Code source

```
index.js
1 console.log("Loading function");
2
3 export const handler = async (event, context) => {
4     //console.log('Received event:', JSON.stringify(event, null, 2));
5     console.log("value1 =", event.key1);
6     console.log("value2 =", event.key2);
7     console.log("value3 =", event.key3);
8     return event.key1; // Echo back the first key value
9     // throw new Error('Something went wrong');
10 };
11
```

Actions

Throttle | Copy ARN | Download

Add destination

Destination configuration

Source
Choose the invocation type that Lambda sends records for.
 Asynchronous invocation
 Event source mapping invocation

Condition
Choose whether to send invocation records for event processing failures or for successful invocations.
 On failure
 On success

Destination type
Choose the destination type that Lambda sends invocation records to.

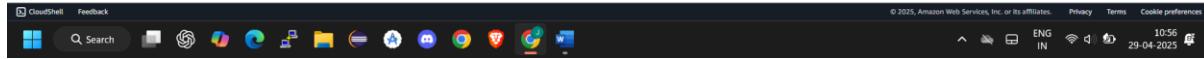
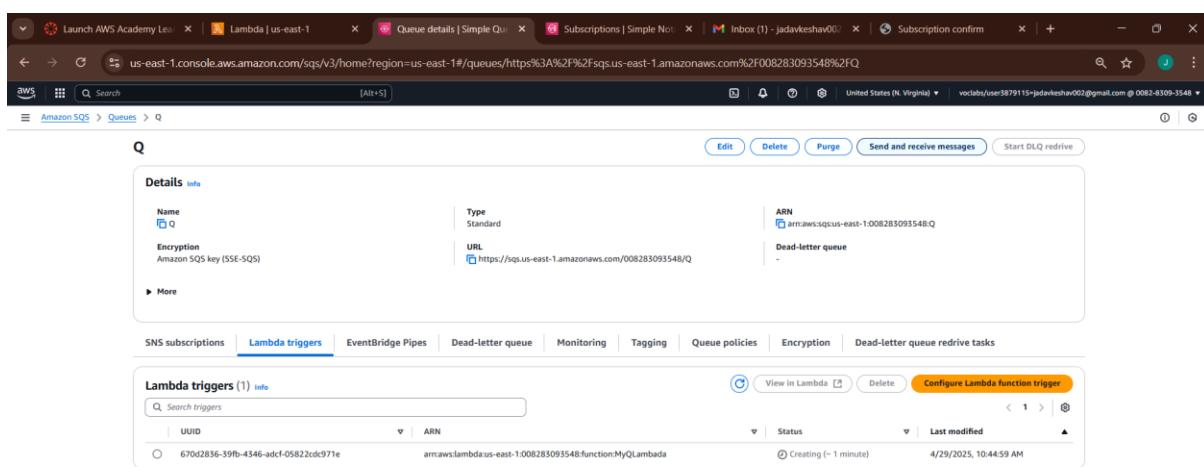
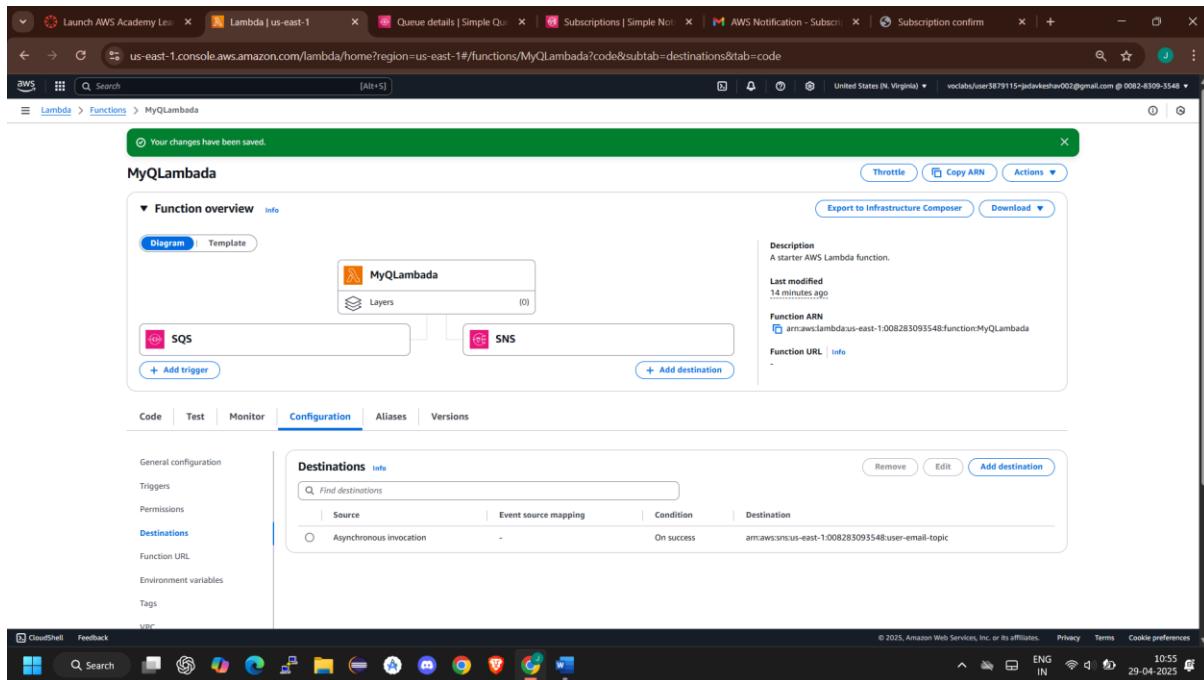
SNS topic

Destination
Choose the ARN of the destination, or enter the ARN manually.
arn:aws:sns:us-east-1:008283093548:user-email-topic

Permissions
If your execution role doesn't have the required permissions for the selected destination, then Lambda will attempt to add the permissions to the role.

Cancel | Save





Screenshot of the AWS SQS console showing the "Send and receive messages" interface for a queue named "us-east-1#queues/https%3A%2F%2Fsqs.us-east-1.amazonaws.com%2F008283093548%2FQ/send-receive".

Send message

Your message has been sent and can be received in 10 seconds.

Message body
Enter the message to send to the queue.
hello from sqs testing

Delivery delay (info)
10 Seconds
Should be between 0 seconds and 15 minutes.

Message attributes - Optional (info)

Receive messages

Messages available: 0 | Polling duration: 30 | Maximum message count: 10 | Polling progress: 0% (0 receives/second)

Messages (0)

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

Poll for messages

CloudShell Feedback Search ENG IN 29-04-2025 10:57