

mysqstopic.fifo | Topics | Simple

Queues | Simple Queue Service

Add triggers | Lambda

Create role | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/roles/create

aws | Search [Alt+S] | Global | Lucifier

IAM > Roles > Create role

Step 3
Name, review, and create

☒ AWS service

Allow AWS services like EC2, Lambda, or others to perform actions in this account.

☐ AWS account

Allow entities in other AWS accounts belonging to you or a 3rd party to perform actions in this account.

☐ Web identity

Allows users federated by the specified external web identity provider to assume this role to perform actions in this account.

☐ SAML 2.0 federation

Allow users federated with SAML 2.0 from a corporate directory to perform actions in this account.

☐ Custom trust policy

Create a custom trust policy to enable others to perform actions in this account.

Use case

Allow an AWS service like EC2, Lambda, or others to perform actions in this account.

Service or use case

Lambda

Choose a use case for the specified service.

Use case

☒ Lambda

Allows Lambda functions to call AWS services on your behalf.

Cancel

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Create role | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/roles/create?trustedEntityType=AWS_SERVICE&selectedService=Lambda&selectedUseCase=Lambda

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IAM > Roles > Create role

Step 1
Select trusted entity

Step 2
Add permissions

Step 3
Name, review, and create

Add permissions

Permissions policies (1/1069)

Choose one or more policies to attach to your new role.

Filter by Type

sq

All types

4 matches

Policy name	Type	Description
<input checked="" type="checkbox"/> AmazonSQSFullAccess	AWS managed	Provides full access to Amazon SQS via...
<input type="checkbox"/> AmazonSQSReadOnlyAccess	AWS managed	Provides read only access to Amazon S...
<input type="checkbox"/> AWSLambdaSQSQueueExecutionRole	AWS managed	Provides receive message, delete mess...
<input type="checkbox"/> SQSUnlockQueuePolicy	AWS managed	Provides access required to unlock a S...

Set permissions boundary - optional

Cancel

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ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/create/function?intent=authorFromScratch

awsSearch [Alt+S]

Asia Pacific (Mumbai) Lucifier

Lambda > Functions > Create function

Successfully deleted function: profun

Create functionInfo

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 nameInfo

Enter a name that describes the purpose of your function.

profun

Function name must be 1 to 64 characters, must be unique to the Region, and can't include spaces. Valid characters are a-z, A-Z, 0-9, hyphens (-), and underscores (_).

RuntimeInfo

Choose the language to use to write your function. Note that the console code editor supports only Node.js, Python, and Ruby.

Node.js 22.x

ArchitectureInfo

Choose the instruction set architecture you want for your function code.

☐ arm64☒ x86_64

PermissionsInfo

InfoTutorials

Create a function

Choose a starting point for your new function.

Author from scratch – Hello World examples include just enough code for your chosen language to get started. You can add triggers and configure additional settings after the function is created.

Use a blueprint – Blueprints are language-specific samples that include function code and settings for a runtime and trigger combination. Blueprints are available for Node.js and Python runtimes.

Container image – Build your image locally and upload it to an Amazon Elastic Container Registry (Amazon ECR) repository. Then, specify the repository URI when you create the function. The Amazon ECR repository must be in the same AWS Region as the

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ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/create/function?intent=authorFromScratch

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Lambda > Functions > Create function

Successfully deleted function: profun

x86_64

Permissions

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

Use an existing role

Create a new role from AWS policy templates

Existing role

Choose an existing role that you've created to be used with this Lambda function. The role must have permission to upload logs to Amazon CloudWatch Logs.

project3

View the project3 role on the IAM console.

Additional configurations

Use additional configurations to set up code signing, function URL, tags, and Amazon VPC access for your function.

Cancel

Create function

Info Tutorials

Create a function

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ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/functions/profun?newFunction=true&tab=code

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Lambda > Functions > profun

Diagram Template

profun

Layers (0)

+ Add trigger

+ Add destination

Description

Last modified10 seconds ago

Function ARNarn:aws:lambda:ap-south-1:692701344981:function:profun

Function URLInfo

Info Tutorials

Function configuration

Use the function overview to see your function's configuration. You can choose to view this as a diagram or as an AWS Serverless Application Model (AWS SAM) template. AWS SAM is an open source framework for building serverless applications using infrastructure as code (IaC). You can see the following types of resources in the diagram or template:

Triggers are AWS services or resources that invoke the function.

Destinations are AWS resources that receive a record of an invocation after success or failure. You can configure Lambda to send invocation records when your function is invoked asynchronously, or if your function processes records from a stream. The contents of the invocation

Code Test Monitor Configuration Aliases Versions

Code source Info

Open in Visual Studio Code Upload from

EXPLORER

PROFUN

JS index.mjs

JS index.mjs

1 export const handler = async (event) => {

2 // TODO implement

3 const response = {

Amazon Q Tip 1/3: Start typing to get sug

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ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/functions/profun?tab=configure

aws

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Lambda > Functions > profun

profun

Throttle Copy ARN Actions

✓ The trigger myquepro was successfully added to function profun. The trigger is in a disabled state.

Function overview Info

Diagram Template

profun

Layers (0)

SQS

+ Add trigger

+ Add destination

Export to Infrastructure Composer

Download

Description

Last modified 27 seconds ago

Function ARN arn:aws:lambda:ap-south-1:692701344981:fu
nction:profun

Function URL Info

Code Test Monitor Configuration Aliases Versions

General configuration

General configuration

Edit

Function configuration

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ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/functions/profun?code&subtab=destinations&tab=code

aws Search [Alt+S]

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Lambda > Functions > profun

✓ Your changes have been saved.

profun

Throttle Copy ARN Actions

Function overview Info

Diagram Template

profun

Layers (0)

SQSSQSDestination

+ Add trigger+ Add destination

Description

Last modified54 seconds ago

Function ARNarn:aws:lambda:ap-south-1:692701344981:fu
nction:profun

Function URL Info

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General configuration

Destinations Info

RemoveEditAdd destination

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