

Functions | Lambda

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

Lambda > Functions

Functions (0) Last fetched 7 seconds ago

Filter by attributes or search by keyword

Function name	Description	Package type	Runtime	Last modified
There is no data to display.				

Additional resources

- Code signing configurations
- Event source mappings
- Layers
- Replicas

Related AWS resources

- Step Functions state machines

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16:40 24-01-2025

Create function | Functions | Lambda

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

Lambda > Functions > 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.

function1

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 (_).

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

Python 3.9

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

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function1 | Functions | Lambda

ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/functions/function1?newFunction=true&tab=code

Successfully created the function **function1**. You can now change its code and configuration. To invoke your function with a test event, choose "Test".

function1

Throttle Copy ARN Actions

Function overview Info

Diagram Template

function1

Layers (0)

+ Add trigger + Add destination

Export to Infrastructure Composer Download

Description

Last modified 12 seconds ago

Function ARN [Copy](#) arn:aws:lambda:ap-south-1:605134449340:function: function1

Function URL [Info](#)

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function1 | Functions | Lambda

ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/functions/function1?newFunction=true&tab=testing

Successfully created the function **function1**. You can now change its code and configuration. To invoke your function with a test event, choose "Test".

Code **Test** Monitor Configuration Aliases Versions

Test event Info [CloudWatch Logs Live Tail](#) [Save](#) [Test](#)

To invoke your function without saving an event, configure the JSON event, then choose Test.

Test event action

☒ Create new event ☐ Edit saved event

Event name

Maximum of 25 characters consisting of letters, numbers, dots, hyphens and underscores.

Event sharing settings

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function1 | Functions | Lambda

ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/functions/function1?newFunction=true&tab=testing

Search [Alt+S]

Asia Pacific (Mumbai) RahulK79

Lambda > Functions > function1

The test event test1 was successfully saved.

Init duration 73.07 ms	Duration 2.41 ms
Billed duration 3 ms	Resources configured 128 MB
Max memory used 30 MB	

Log output

The section below shows the logging calls in your code. [Click here](#) to view the corresponding CloudWatch log group.

```
START RequestId: a2be1f4c-2d4e-4438-8a6d-dbfcdca51741 Version: $LATEST
END RequestId: a2be1f4c-2d4e-4438-8a6d-dbfcdca51741
REPORT RequestId: a2be1f4c-2d4e-4438-8a6d-dbfcdca51741  Duration: 2.41 ms    Billed Duration: 3 ms    Memory Size: 128 MB    Max Memory Used: 30 MB    Init Duration: 73.07 ms
```

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API Gateway - Create API

ap-south-1.console.aws.amazon.com/apigateway/main/apis?region=ap-south-1

Search [Alt+S]

Asia Pacific (Mumbai) RahulK79

API Gateway > APIs > Create API

Build a WebSocket API using persistent connections for real-time use cases such as chat applications or dashboards.

Works with the following:
Lambda, HTTP, AWS Services

Build

REST API

Develop a REST API where you gain complete control over the request and response along with API management capabilities.

Works with the following:
Lambda, HTTP, AWS Services

Import Build

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API Gateway - Resources

ap-south-1.console.aws.amazon.com/apigateway/main/apis/o2m8t8p1ak/resources?api=o2m8t8p1ak&experience=rest®ion=ap-south-1

API Gateway > APIs > Resources - Myrestapi (o2m8t8p1ak)

APIs

- Custom domain names
- Domain name access associations
- VPC links

API: Myrestapi

- Resources
- Stages
- Authorizers
- Gateway responses
- Models
- Resource policy
- Documentation

Resources

Create resource

Resource details

Path: /

Resource ID: bbb0ek8wv1

Methods (0)

Delete Create method

Method type Integration type Authorization API key

No methods

No methods defined.

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API Gateway - Create method

ap-south-1.console.aws.amazon.com/apigateway/main/apis/o2m8t8p1ak/resources/bbb0ek8wv1/create-method?api=o2m8t8p1ak&experience=rest®ion=...

API Gateway > APIs > Resources - Myrestapi (o2m8t8p1ak) > Create method

Method type

GET

Integration type

- ☒ Lambda function
Integrate your API with a Lambda function.
- ☐ HTTP
Integrate with an existing HTTP endpoint.
- ☐ Mock
Generate a response based on API Gateway mappings and transformations.
- ☐ AWS service
Integrate with an AWS Service.
- ☐ VPC link
Integrate with a resource that isn't accessible over the public internet.
- ☐ Lambda proxy integration
Send the request to your Lambda function as a structured event.

Lambda function

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API Gateway - Create method

ap-south-1.console.aws.amazon.com/apigateway/main/apis/o2m8tp1ak/resources/bhb0ek8wv1/create-method?api=o2m8tp1ak&experience=rest®ion=...

API Gateway > APIs > Resources - Myrestapi (o2m8tp1ak) > Create method

☐ AWS service
Integrate with an AWS Service.

☐ VPC link
Integrate with a resource that isn't accessible over the public internet.

☒ Lambda proxy integration
Send the request to your Lambda function as a structured event.

Lambda function
Provide the Lambda function name or alias. You can also provide an ARN from another account.

ap-south-1

arn:aws:lambda:ap-south-1:605134449340:function:function1

Grant API Gateway permission to invoke your function.

arn:aws:lambda:ap-south-1:605134449340:function:function1

Integration timeout | Info
By default, you can enter an integration timeout of 50 - 29,000 milliseconds. You can use Service Quotas to raise the integration timeout to greater than 29,000 ms

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API Gateway - Resources

ap-south-1.console.aws.amazon.com/apigateway/main/apis/o2m8tp1ak/resources/?api=o2m8tp1ak&experience=rest®ion=ap-south-1

API Gateway > APIs > Resources - Myrestapi (o2m8tp1ak)

API Gateway

APIs
Custom domain names
Domain name access associations
VPC links

▼ **Myrestapi**

Resources
Stages
Authorizers
Gateway responses
Models
Resource policy
Documentation
Dashboard

Successfully created method 'GET' in '/'. Redeploy your API for the update to take effect.

Resources

Create resource

/

GET

/ - GET - Method execution

ARN
arn:aws:execute-api:ap-south-1:605134449340:o2m8tp1ak:/"GET/

Resource ID
bhb0ek8wv1

API actions Deploy API Update documentation Delete

Client → Method request → Integration request → Lamb integration

← Method response ← Integration response

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