Create function Info

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.

DarronTestFunction

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

Python 3.13

Understanding on how to create Lambda functions by choosing the coding language, permissions, and roles when doing so.

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
- Use an existing role
- Create a new role from AWS policy templates

Role creation might take a few minutes. Please do not delete the role or edit the trust or permissions policies in this role.

Lambda will create an execution role named DarronTestFunction-role-tn49k9sm, with permission to upload logs to Amazon CloudWatch Logs.

Additional Configurations

Info | Tutorials

Learn how to implement common use cases in AWS Lambda.

Create a simple web app

In this tutorial you will learn how to:

- Build a simple web app, consisting of a Lambda function with a function URL that outputs a webpage
- Invoke your function through its function URL

Learn more

Start tutorial

us-east-1.console.aws.amazon.com

TESThelloWorld | Functions | Lambda

Forgot Password?

Search [Option+S]

United States (N. Virginia) | Admin_Darron-TEST @ 8257-6542-3090

Lambda > Functions > TESThelloWorld

The test event "TestEvent01" was successfully saved.

Using Lambda to create a test “Hello World” function

Code | Test | Monitor | Configuration | Aliases | Versions

Code source Info

Upload from

TESThelloWorld

EXPLORER

TESTHELLOWORLD

__pycache__

lambda_function.py

Welcome | lambda_function.py

lambda_function.py

```
1   import json
2
3   print('Loading function')
4
5
6   def lambda_handler(event, context):
7       #print("Received event: " + json.dumps(event, indent=2))
8       print("value1 = " + event['key1'])
9       print("value2 = " + event['key2'])
10      print("value3 = " + event['key3'])
11      return event['key1']  # Echo back the first key value
12      #raise Exception('Something went wrong')
13
```

Amazon Q Tip 1/3: Start typing to get suggestions ([ESC] to exit)

DEPLOY

Deploy (⇧⌘U)

Test (⇧⌘I)

TEST EVENTS [SELECTED: ...

Create new test ev...

Private saved events

TestEvent01

ENVIRONMENT VARIABLES

PROBLEMS | OUTPUT | CODE REFERENCE LOG | TERMINAL

Execution Results

```
Status: Succeeded
Test Event Name: hello-world

Response:
"value1"

Function Logs:
Loading function
START RequestId: 476b4219-fd67-4227-ba69-6969982dac3f Version: $LATEST
value1 = value1
value2 = value2
```

Test event is saved successfully.

0 0 Amazon Q

Ln 11, Col 26 Spaces: 4 UTF-8 LF Python Lambda Layout: U.S.

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