

TASK 1

Deploy a hello world function on AWS Lambda.

The screenshot displays the AWS Lambda console interface. The top navigation bar shows the URL `ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/functions`. The main content area is titled 'Functions (1)' and contains a table with the following data:

Function name	Description	Package type	Runtime	Last modified
myfunction2	-	Zip	Python 3.13	7 minutes ago

Below the table, the 'Code source' tab is selected, showing the function's code. The code is a Python file named `lambda_function.py` with the following content:

```
1 import json
2
3 def lambda_handler(event, context):
4     return {
5         'statusCode': 200,
6         'body': json.dumps('Hello, World!')
7     }
```

The console also displays a green success message: 'Successfully updated the function myfunction2.' and a sidebar with tabs for 'Code', 'Test', 'Monitor', 'Configuration', 'Aliases', and 'Versions'. The 'Code' tab is active, showing the code editor and a file explorer on the left.

Lambda > Functions > myfunction2

The test event myevent2 was successfully saved.

Code

Test

Monitor

Configuration

Aliases

Versions

Code source

Info

Upload from

EXPLORER

MYFUNCTION2

lambda_function.py

lambda_function.py

1 import json

2

3 def lambda_handler(event, context):

4 return {

5 'statusCode': 200,

6 'body': json.dumps('Hello, World!')}

7 }

8

DEPLOY

Deploy (Ctrl+Shift+I)

Create new test event

Invoke

Save

Create new test event

Event Name

myevent2

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

Event sharing settings

Private

Shareable

Template - optional

myevent2

Event JSON

Lambda > Functions > myfunction2

The test event myevent2 was successfully saved.

DEPLOY

Deploy (Ctrl+Shift+U)

Test (Ctrl+Shift+I)

TEST EVENTS (SELECTED: MYEVENT2)

Create new test event

Private saved events

myevent2

ENVIRONMENT VARIABLES

Amazon Q

lambda_function.py

1 import json

2

3 def lambda_handler(event, context):

4 return {

5 'statusCode': 200,

6 'body': json.dumps('Hello, World!')}

7 }

8

PROBLEMS

OUTPUT

CODE REFERENCE LOG

TERMINAL

Status: Succeeded

Test Event Name: myevent2

Response:

{

"statusCode": 200,

"body": "\"Hello, World!\""

}

Function Logs:

Execution Results

1 {

Code properties

Info

Package size

256 byte

SHA256 hash

38JQ0mZfvV2qEgc0HHHqdbqYpOve4Uy7uYfQtop5WU=

Last modified

6 minutes ago