

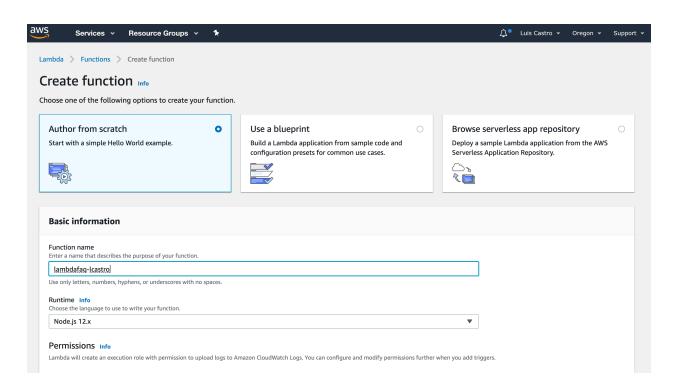
Access the AWS console through the following link:

https://450006219561.signin.aws.amazon.com/console

Step 2

Enter the Lambda service and create a function with the following nomenclature:

- lambdafaq-<username>
- Example:
 - lambdafaq-lcastro
- Choose Runtime
 - Node-.js 10.x
- Choose or create an execution role
 - Use an existing role
 - lambda_basic_execution
- Create Function





Open the file called faqlambda.txt, copy it and then paste it as Code Entry Type. Clear current code inside Index.js



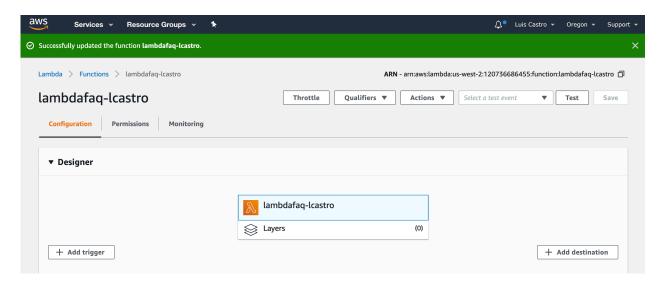
Step 4

Choose the following options

Handler

- Index.handler

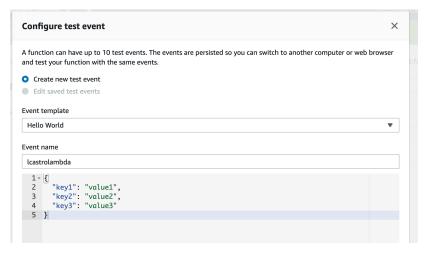
Choose the other default values and click Save

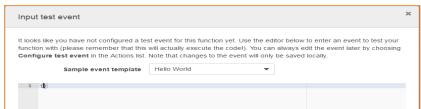




Inside the Lambda Test function menu

- Create a New Test Event
- Event Template
 - Hello World
- Event Name
 - Nombre de usuario + Lambda
 - Lcastrolambda
- Event Name
 - Nombre de usuario + Lambda
- Eliminate keys 1, 2 y 3
- Verify that it is as follows and click Save and Test:
 - {}
- Click on Create

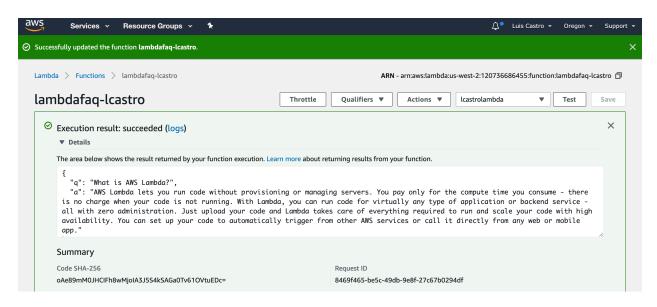






Choose the previously created test (Ex: lcastrolambda) and click on Test

Execution result: Succeeded



Step 7

Verify in the Execution Summary the following parameters

- Duration
 - o 9,40 ms
- Billed Duration
 - o 100 ms
- Max Mem Used
 - o 36 MB





Click on "Monitoring" and check the CloudWatch alarms

aWS Services → Resource Groups → ★			ڼ• ۱	_uis Castro Oregon Support
lambdafaq-lcastro	Throttle	Qualifiers ▼ Actions	▼ lcastrolambda	▼ Test Save
Configuration Permissions Monitoring				
CloudWatch metrics View logs in Clou				View logs in CloudWatch
		Add to dashboard	1h 3h 12h 1d	3d 1w custom • 2 •
Invocations	Duration	E	Error count and suc	cess rate (%)
Count	Milliseconds		Count	No unit
2	6.02		1	• 100
1	6.01	•	0.5	99.5
23:00 00:00 01:00	23:00	00:00 01:00	23:00	00:00 01:00
• Invocations	Duration Minimum Duration Ave	rage Duration Maximum	■ Errors	Success rate (%)
Throttles	Async delivery failures	ŀ	teratorAge	
Count 1	1		1	
0.5	0.5 No data availa Try adjusting the dashbo		0.5	lata available. e dashboard time range.

Step 9

Enter the Designer of the created function and click on Add Trigger

Choose the following values:

1. API Gateway

2. Create an API

3. API Type: REST API

4. Security: Open

5. Additional Settings

- API Name: dejar el valor default

- Deployment Stage: default

6. Add

Click on the Generated Endpoint API



AP	I Gateway
	nbdafaq-lcastro-API aws:execute-api:us-west-2:120736686455:7glqhh8hu6/*/*/lambdafaq-lcastro
•	Details
	API: api-gateway/7glqhh8hu6/*/*/lambdafaq-lcastro
	API endpoint: https://7glqhh8hu6.execute-api.us-west-2.amazonaws.com/dev/lambdafaq-lcastro
	API name: lambdafaq-lcastro-API
	API type: rest
	Authorization: NONE
	Enable metrics and error logging: No
	Method: ANY
	Resource path: /lambdafaq-lcastro
	Security: NONE
	Stage: dev

Go to API Gateway service and click on Created API

In Resources choose the lambda function created and click Actions> Create Method

Choose GET and Click on the Check Mark

Choose the following values:

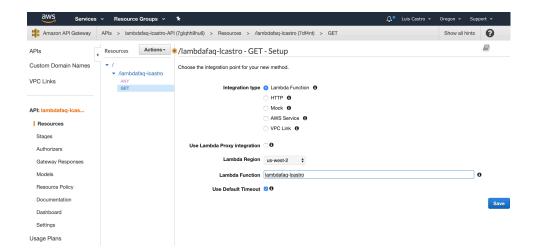
1. Integration Type: Lambda Function

2. Use Lambda Proxy Integration: leave uncheck

3. Lambda Region: The region where the Lambda was created

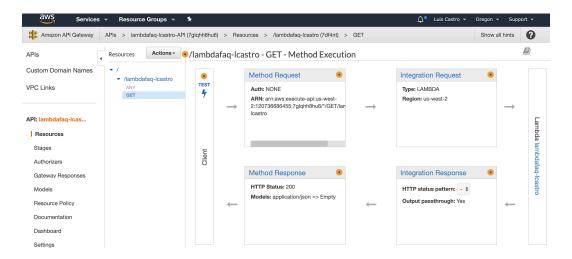
4. Lambda Function: Write the name of the Lambda function

5. Save



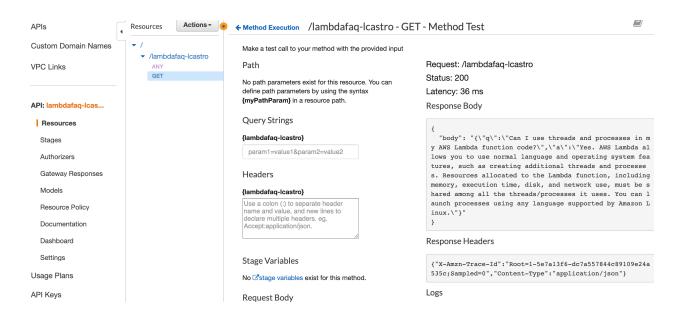


Test that the API Gateway responds on the Lambda function, by clicking Test



Step 12

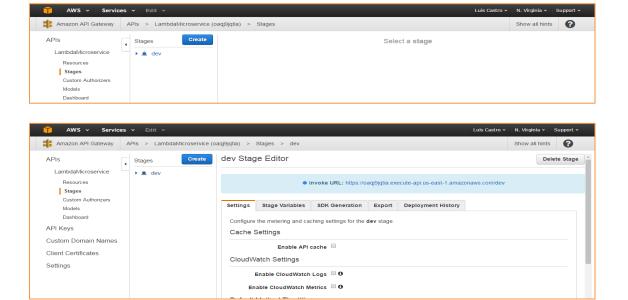
Validate that the Test returns the expected values of the Lambda function





Then in the left menu mark Stages and verify the Invoke URL in a new browser

- It should be similar to the following
 - o https://oaqj9jqtia.execute-api.us-east-1.amazonaws.com/dev
 - Note:
 - If you have errors when opening the URL, add the name of the created function (Ex: lambdafaq-lcastro) at the end as follows:
 - https://oaqj9jqtia.execute-api.us-east-1.amazonaws.com/dev/lambdafaqlcastro



Step 14

Verify that the URL works properly showing FAQ information, do it several times and validate that each time it shows different information

