

WORKSHOP 3

By: Miguel Angel Acuña Reyes

1. Creacion de la Lambda

Search

[Alt+S]

N. Virginia

bootcamp-cloud-modulo-3/miguel-acuna

Lambda > Functions > Create function

10

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

workshop-3-miguelAcuna

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

Node.js 20.x

Architecture

x86_64

Permissions

Change default execution role

Additional Configurations

Enable Code signing

Enable encryption with an AWS KMS customer managed key

Enable function URL

Auth type

Function URL permissions

View policy statement

1 {
2 "Version": "2012-10-17",
3 "Statement": [
4 {
5 "StatementId": "FunctionURLAllowPublicAccess",
6 "Effect": "Allow",
7 "Principal": "*",
8 "Action": "lambda:InvokeFunctionUrl",
9 "Resource": "arn:aws:lambda:us-east-1:590183865524:function:workshop-3-miguelAcuna",
10 "Condition": {
11 "StringEquals": {
12 "lambda:FunctionUrlAuthType": "NONE"
13 }
14 }
15]
16 }
17 }

12:39 JSON Spaces: 2

Invoke mode

Configure cross-origin resource sharing (CORS)

Enable tags

Enable VPC

Cancel

Create function

CloudShell

Feedback

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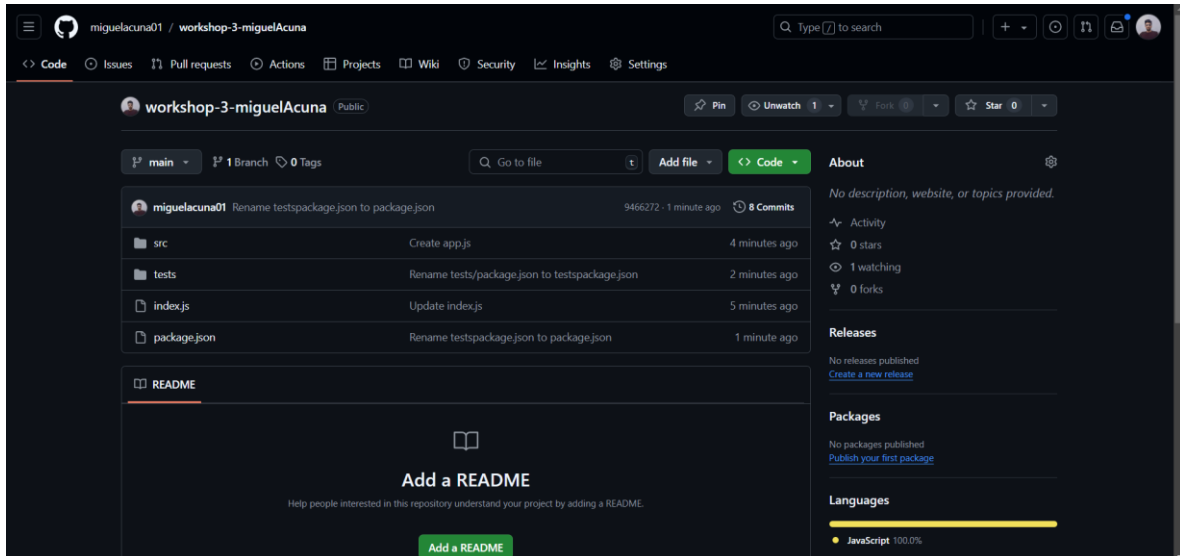
2. Access key

`AWS_ACCESS_KEY_ID = "ASIAYS2NTDS2OS6G3FX4"`

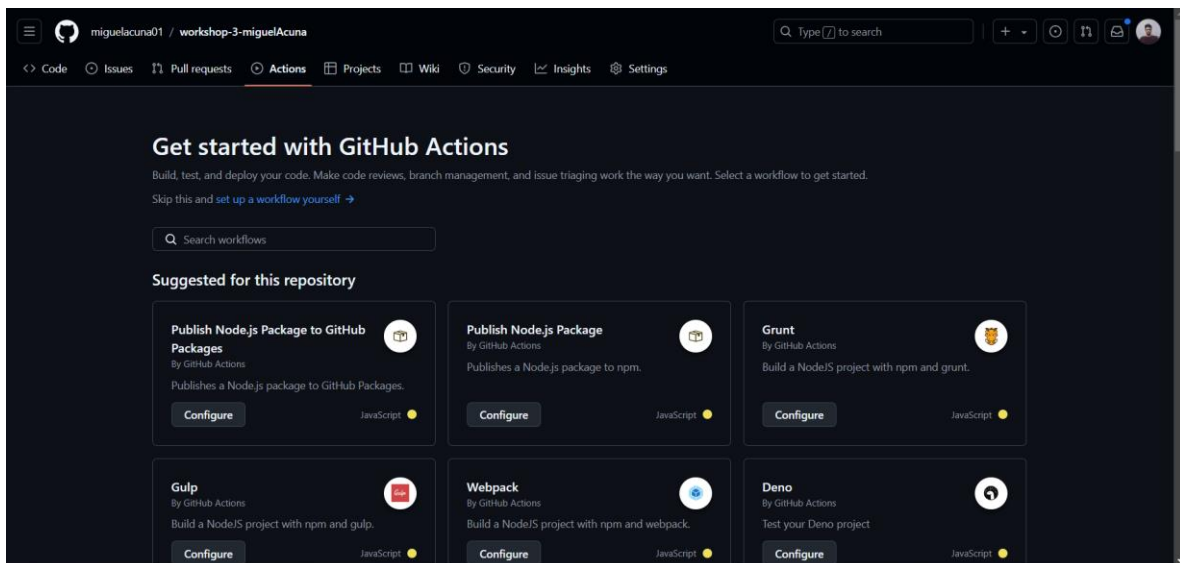
`AWS_SECRET_ACCESS_KEY =`

`"NjsN2i2V9MQ8MnhhA/v66qEoN+xxXubg7XY5E378z"`

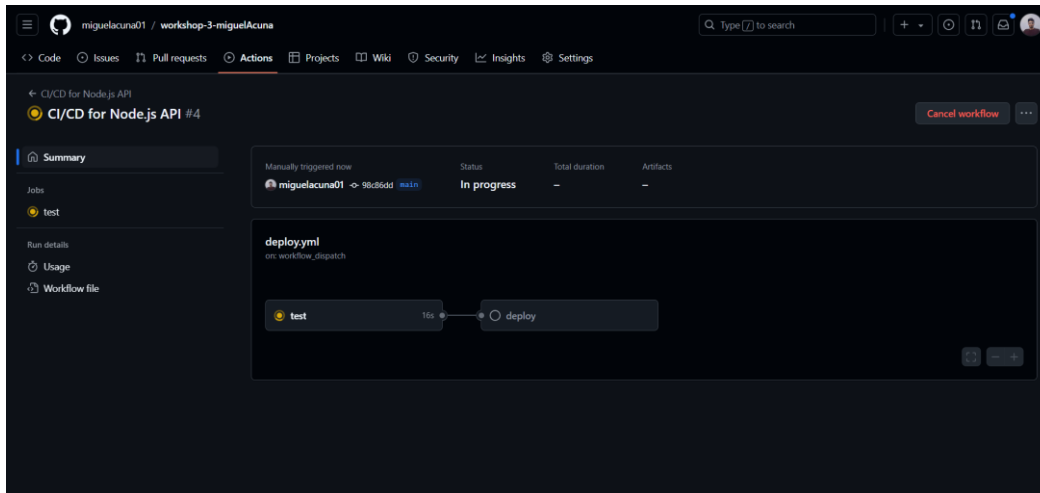
3. Subir a GitHub la carpeta del proyecto



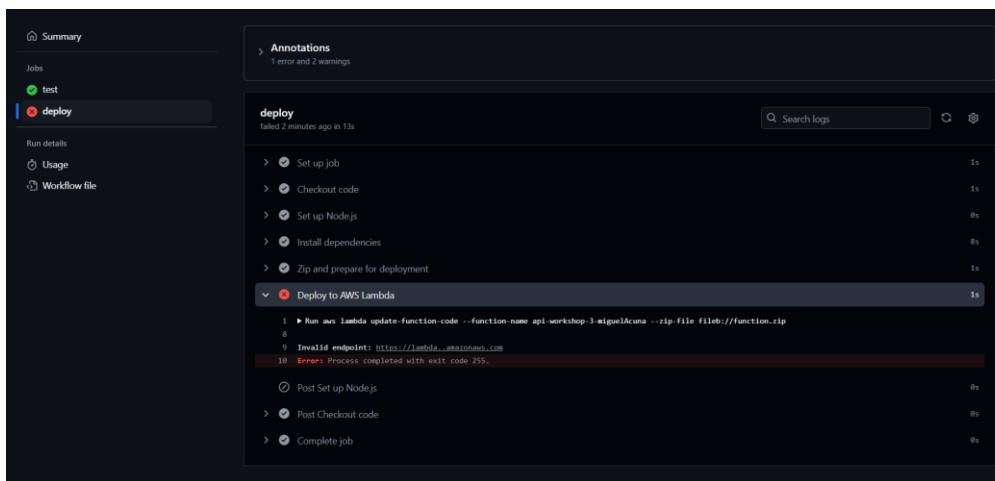
4. Ir a github actions



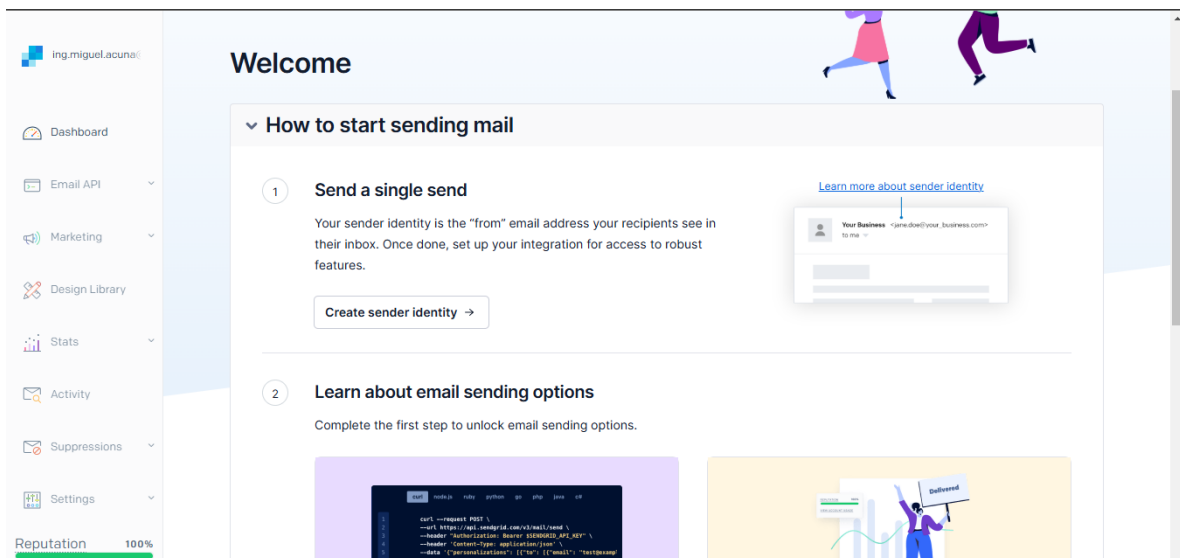
5. Ejecutando el Action



- El test se ha generado correctamente



6. Crear Cuenta en SendGrid



- Crear una API key

The screenshot shows the 'Create API Key' page in the SendGrid dashboard. The left sidebar contains navigation links: Dashboard, Email API, Marketing, Design Library, Stats, Activity, Suppressions, and Settings. The main content area has a header 'Create API Key' and a sub-header 'Before sending your first email, you'll need to create an API key.' Below this, there are three input fields: 'API Key Name' (with a red asterisk and a help icon), 'API Key Permissions' (with a red asterisk and a help icon), and 'API Key Expiration' (with a help icon). The 'API Key Name' field contains the text 'workshop-3-miguelAcuna'. The 'API Key Permissions' field has three radio button options: 'Full Access' (selected), 'Restricted Access', and 'Billing Access'. The 'Full Access' option is described as 'Allows the API key to access GET, PATCH, PUT, DELETE, and POST endpoints for all parts of your account, excluding billing and Email Address Validation.' The 'Restricted Access' option is described as 'Customize levels of access for all parts of your account, excluding billing and Email Address Validation.' The 'Billing Access' option is described as 'Allows the API key to access billing endpoints for the account. (This is especially useful for Enterprise or Partner customers looking for more advanced account management.)' At the bottom right, there are two buttons: 'Cancel' and 'Create & View'.

Before sending your first email, you'll need to create an API key.

Create API Key

API Key Name * ⓘ
workshop-3-miguelAcuna ⓘ

API Key Permissions * ⓘ

☒ **Full Access**
Allows the API key to access GET, PATCH, PUT, DELETE, and POST endpoints for all parts of your account, excluding billing and Email Address Validation.

☐ **Restricted Access**
Customize levels of access for all parts of your account, excluding billing and Email Address Validation.

☐ **Billing Access**
Allows the API key to access billing endpoints for the account. (This is especially useful for Enterprise or Partner customers looking for more advanced account management.)

Cancel Create & View

Clave:

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

The screenshot shows the 'Single Sender Verification' page in the SendGrid dashboard. The left sidebar contains navigation links: Dashboard, Email API, Marketing, Design Library, Stats, Activity, Suppressions, and Settings. The main content area has a header 'Sender Authentication / Single Sender Verification' and a sub-header 'Ready to send your first email? Follow our guides for Email API or Marketing Campaigns. Return to Setup Guide'. Below this, there is a table with columns: SENDERS, ADDRESS, NICKNAME, VERIFIED, and ACTIONS. The table contains one row for the sender 'workshop-3-miguelAcuna'. The 'SENDERS' column shows the sender name and two email addresses: 'ing.miguel.acuna@gmail.com' (marked 'FROM') and 'ing.miguel.acuna@gmail.com' (marked 'REPLY'). The 'ADDRESS' column shows the address: 'Cra. 8 #17-33 Casa Tunja, 150001 COL'. The 'NICKNAME' column shows the nickname: 'mikkeacuna'. The 'VERIFIED' column shows a green checkmark. The 'ACTIONS' column shows a vertical ellipsis icon. At the top right, there is a button 'Create New Sender'.

Ready to send your first email? Follow our guides for Email API or Marketing Campaigns. [Return to Setup Guide](#)

Sender Authentication / Single Sender Verification ⓘ

Create New Sender

SENDERS	ADDRESS	NICKNAME	VERIFIED	ACTIONS
workshop-3-miguelAcuna FROM ing.miguel.acuna@gmail.com REPLY ing.miguel.acuna@gmail.com	Cra. 8 #17-33 Casa Tunja, 150001 COL	mikkeacuna	✓	⋮

- Ejecucion de todo en github actions

miguelacuna01 / workshop-3-miguelAcuna

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

← CI/CD for Node.js API

Update deploy.yml #7

Re-run jobs Latest #2

Summary

Jobs

- test
- deploy
- notify_failure

Run details

- Usage
- Workflow file

Re-run triggered 48 minutes ago

	Status	Total duration	Artifacts
miguelacuna01 993294f main	Failure	1m 0s	—

deploy.yml

on: push

test 12s → deploy 13s → notify_failure 3s

Annotations

1 error and 4 warnings

deploy

Process completed with exit code 255.

Deploy por temas de permisos de lambda no funciona.