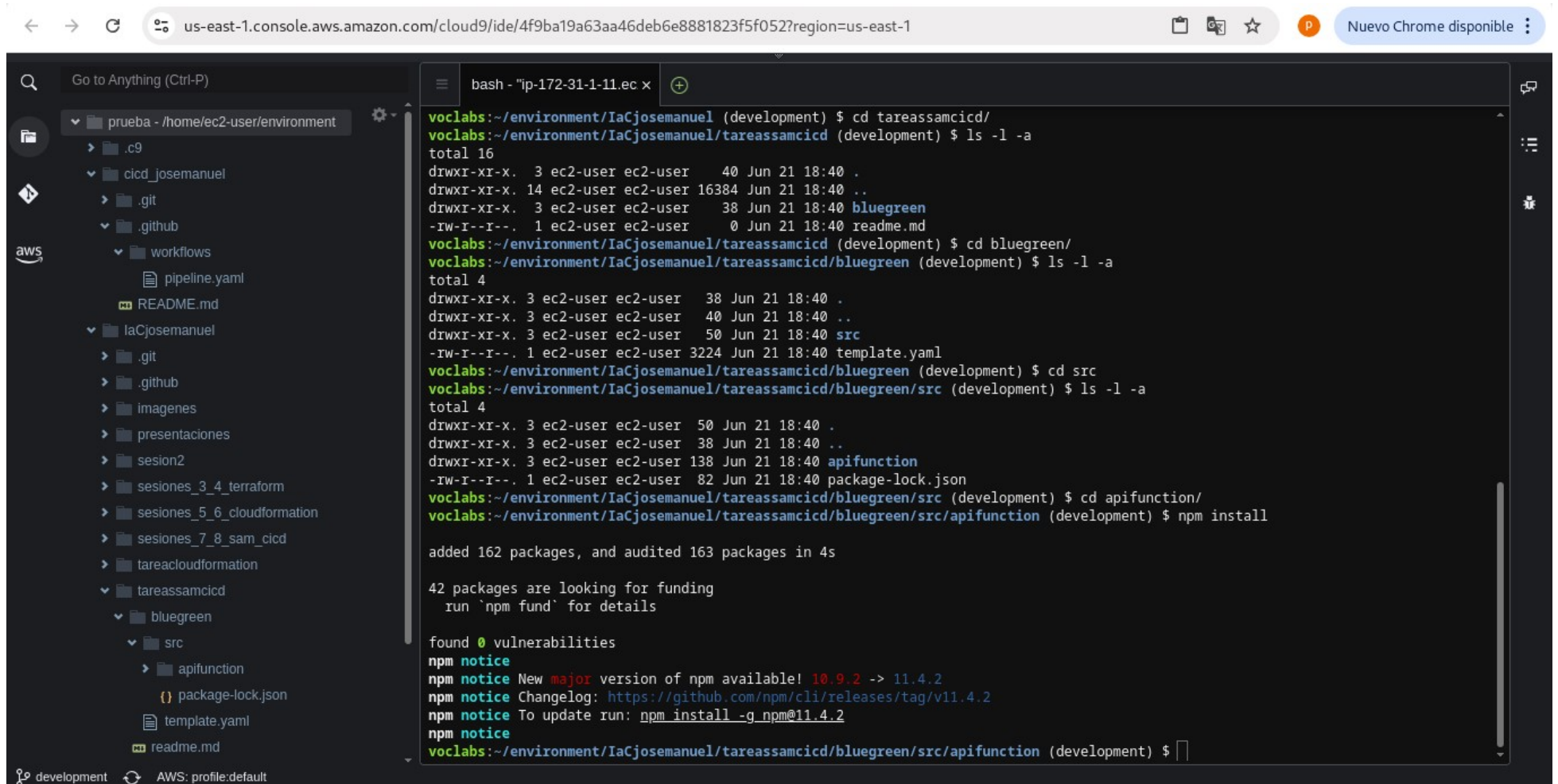


npm install



The screenshot shows the AWS Cloud9 IDE interface. On the left, a file explorer displays a project structure with folders like 'prueba', 'cicd_josemanuel', 'IaCjosemanuel', and 'tareassamcicd'. The main terminal window shows a series of commands and their outputs:

```
bash - "ip-172-31-1-11.ec x"

voclabs:~/environment/IaCjosemanuel (development) $ cd tareassamcicd/
voclabs:~/environment/IaCjosemanuel/tareassamcicd (development) $ ls -l -a
total 16
drwxr-xr-x. 3 ec2-user ec2-user 40 Jun 21 18:40 .
drwxr-xr-x. 14 ec2-user ec2-user 16384 Jun 21 18:40 ..
drwxr-xr-x. 3 ec2-user ec2-user 38 Jun 21 18:40 bluegreen
-rw-r--r--. 1 ec2-user ec2-user 0 Jun 21 18:40 readme.md
voclabs:~/environment/IaCjosemanuel/tareassamcicd (development) $ cd bluegreen/
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen (development) $ ls -l -a
total 4
drwxr-xr-x. 3 ec2-user ec2-user 38 Jun 21 18:40 .
drwxr-xr-x. 3 ec2-user ec2-user 40 Jun 21 18:40 ..
drwxr-xr-x. 3 ec2-user ec2-user 50 Jun 21 18:40 src
-rw-r--r--. 1 ec2-user ec2-user 3224 Jun 21 18:40 template.yaml
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen (development) $ cd src
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen/src (development) $ ls -l -a
total 4
drwxr-xr-x. 3 ec2-user ec2-user 50 Jun 21 18:40 .
drwxr-xr-x. 3 ec2-user ec2-user 38 Jun 21 18:40 ..
drwxr-xr-x. 3 ec2-user ec2-user 138 Jun 21 18:40 apifunction
-rw-r--r--. 1 ec2-user ec2-user 82 Jun 21 18:40 package-lock.json
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen/src (development) $ cd apifunction/
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen/src/apifunction (development) $ npm install

added 162 packages, and audited 163 packages in 4s

42 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
npm notice
npm notice New major version of npm available! 10.9.2 -> 11.4.2
npm notice Changelog: https://github.com/npm/cli/releases/tag/v11.4.2
npm notice To update run: npm install -g npm@11.4.2
npm notice
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen/src/apifunction (development) $
```

npm run test

us-east-1.console.aws.amazon.com/cloud9/ide/4f9ba19a63aa46deb6e8881823f5f052?region=us-east-1

Nuevo Chrome disponible

Go to Anything (Ctrl-P)

prueba - /home/ec2-user/environment

- .c9
- cicd_josemanuel
 - .git
 - .github
 - workflows
 - pipeline.yaml
 - README.md
- IaCjosemanuel
 - .git
 - .github
 - imagenes
 - presentaciones
 - sesion2
 - sesiones_3_4_terraform
 - sesiones_5_6_cloudformation
 - sesiones_7_8_sam_cicd
 - tareacloudformation
 - tareassamcicd
 - bluegreen
 - src
 - apifunction
 - package-lock.json
 - template.yaml
 - readme.md

development AWS: profile:default

npm - "ip-172-31-1-11.ec2" x

```
-rw-r--r--. 1 ec2-user ec2-user 3224 Jun 21 18:40 template.yaml
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen (development) $ cd src
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen/src (development) $ ls -l -a
total 4
drwxr-xr-x. 3 ec2-user ec2-user 50 Jun 21 18:40 .
drwxr-xr-x. 3 ec2-user ec2-user 38 Jun 21 18:40 ..
drwxr-xr-x. 3 ec2-user ec2-user 138 Jun 21 18:40 apifunction
-rw-r--r--. 1 ec2-user ec2-user 82 Jun 21 18:40 package-lock.json
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen/src (development) $ cd apifunction/
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen/src/apifunction (development) $ npm install

added 162 packages, and audited 163 packages in 4s

42 packages are looking for funding
  run `npm fund` for details

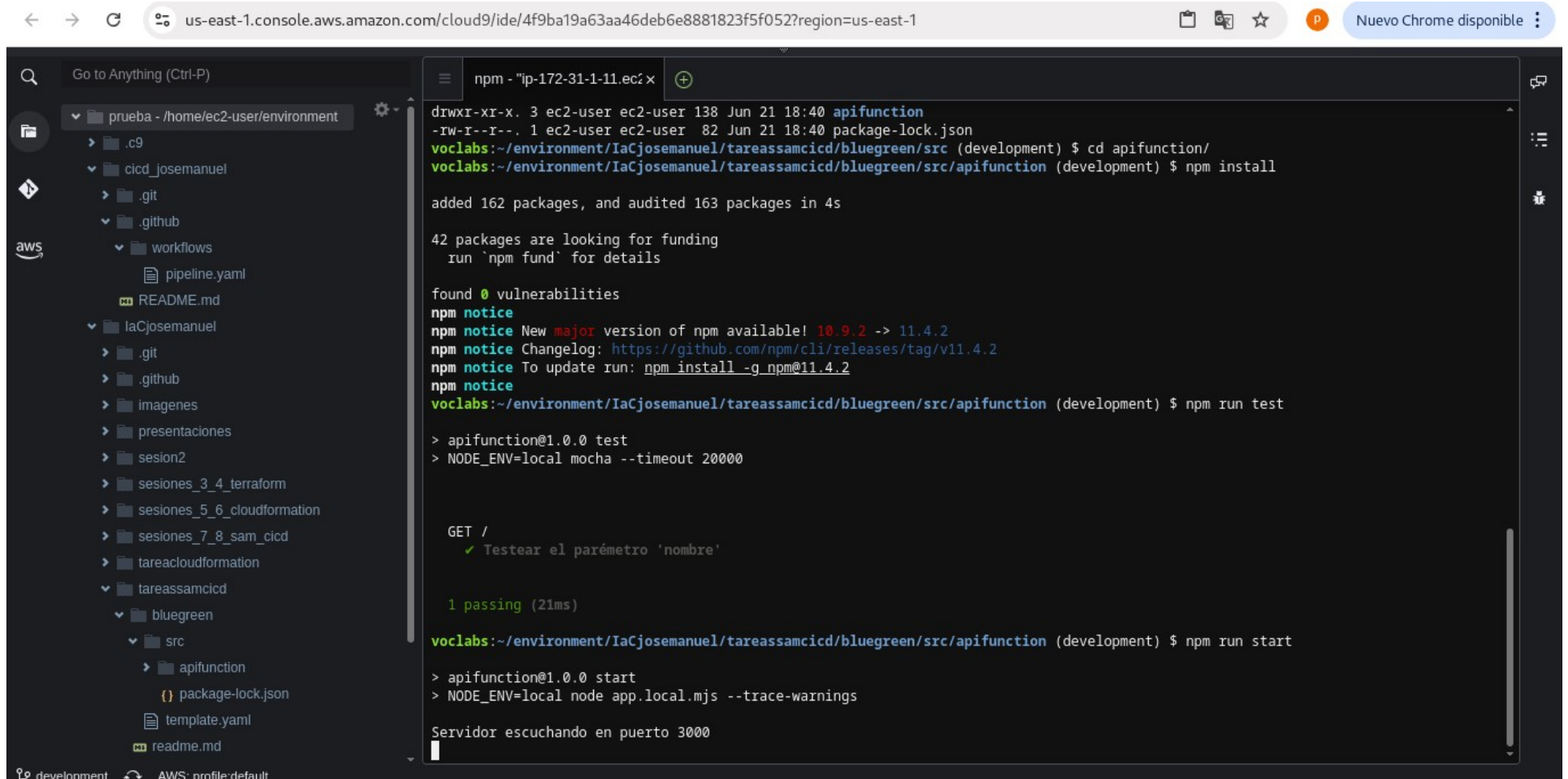
found 0 vulnerabilities
npm notice
npm notice New major version of npm available! 10.9.2 -> 11.4.2
npm notice Changelog: https://github.com/npm/cli/releases/tag/v11.4.2
npm notice To update run: npm install -g npm@11.4.2
npm notice
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen/src/apifunction (development) $ npm run test

> apifunction@1.0.0 test
> NODE_ENV=local mocha --timeout 20000

GET /
  ✓ Testear el parámetro 'nombre'

1 passing (21ms)
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen/src/apifunction (development) $
```

npm run start



The screenshot shows the AWS Cloud9 IDE interface. On the left is a file explorer with a tree view of the project structure. The main area is a terminal window with a dark background and light text. The terminal shows the execution of several npm commands: 'npm install', 'npm run test', and 'npm run start'. The output of these commands is visible, including package installation details, vulnerability checks, and test results. The terminal also shows the start of a local server.

```
us-east-1.console.aws.amazon.com/cloud9/ide/4f9ba19a63aa46deb6e8881823f5f052?region=us-east-1

Go to Anything (Ctrl-P)

prueba - /home/ec2-user/environment
├── .c9
├── cicd_josemanuel
│   ├── .git
│   ├── .github
│   ├── workflows
│   ├── pipeline.yaml
│   └── README.md
├── IaCjosemanuel
│   ├── .git
│   ├── .github
│   ├── imagenes
│   ├── presentaciones
│   ├── sesion2
│   ├── sesiones_3_4_terraform
│   ├── sesiones_5_6_cloudformation
│   ├── sesiones_7_8_sam_cicd
│   ├── tareacloudformation
│   ├── tareassamcicd
│   └── bluegreen
│       ├── src
│       │   ├── apifunction
│       │   │   ├── package-lock.json
│       │   │   └── template.yaml
│       │   └── readme.md
└── ...

npm - "ip-172-31-1-11.ec2" x

drwxr-xr-x. 3 ec2-user ec2-user 138 Jun 21 18:40 apifunction
-rw-r--r--. 1 ec2-user ec2-user 82 Jun 21 18:40 package-lock.json
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen/src (development) $ cd apifunction/
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen/src/apifunction (development) $ npm install

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npm notice To update run: npm install -g npm@11.4.2
npm notice
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen/src/apifunction (development) $ npm run test

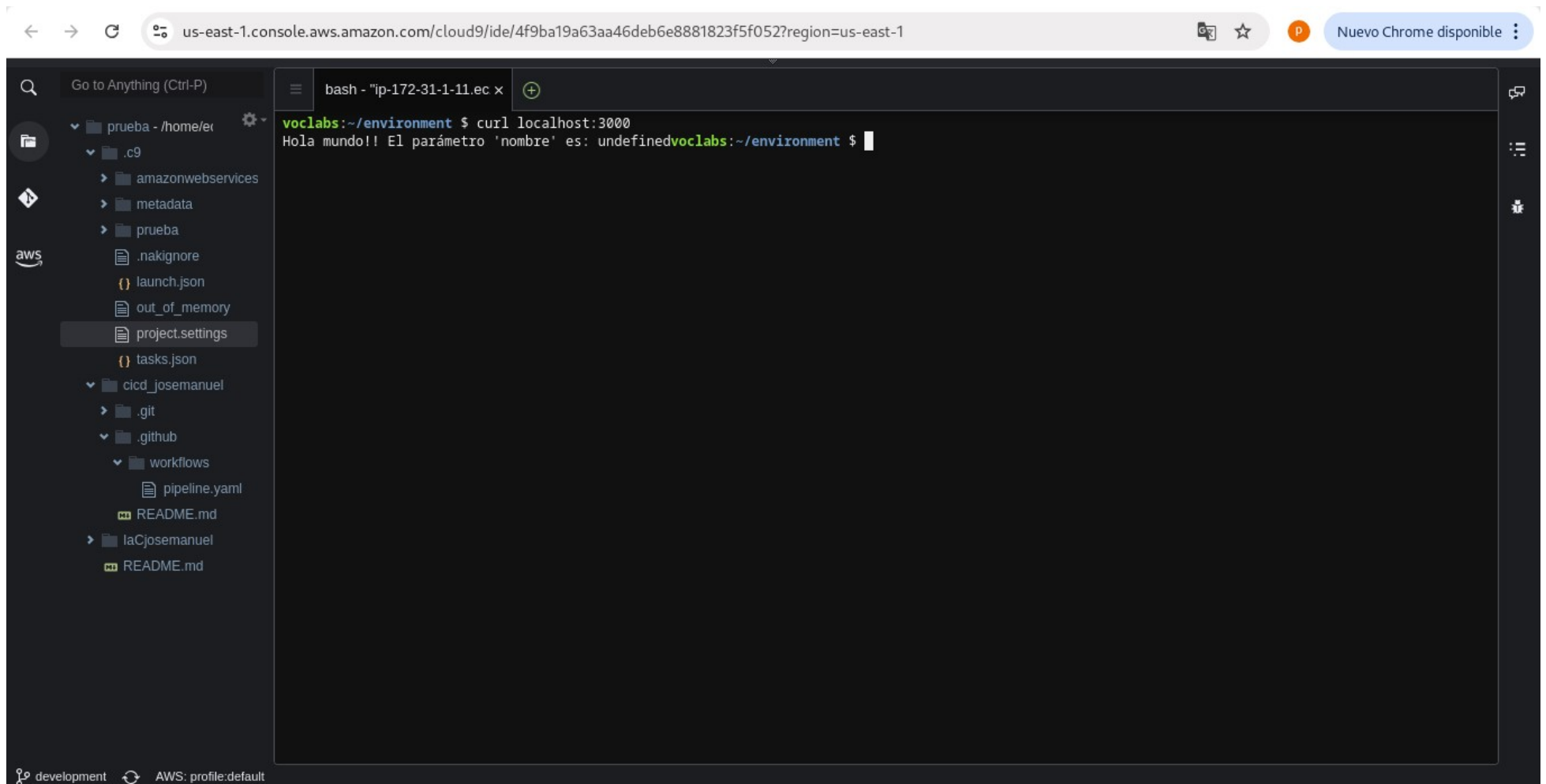
> apifunction@1.0.0 test
> NODE_ENV=local mocha --timeout 20000

GET /
  ✓ Testear el parámetro 'nombre'

1 passing (21ms)
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen/src/apifunction (development) $ npm run start

> apifunction@1.0.0 start
> NODE_ENV=local node app.local.mjs --trace-warnings

Servidor escuchando en puerto 3000
```



he intentado asignar una ip pública a la instancia cloud9 pero no consigo conectar desde fuera de la red

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#InstanceDetails:instanceId=i-09a66834532426400

aws Search [Alt+S] United States (N. Virginia) voclabs/user4086016=JOSE_MANUEL_ALVAREZ @ 3289-8726-6375

EC2 > Instances > i-09a66834532426400

Instance summary for i-09a66834532426400 (aws-cloud9-prueba-4f9ba19a63aa46deb6e8881823f5f052) Info

Updated 2 minutes ago

[Connect](#) [Instance state](#) [Actions](#)

Instance ID i-09a66834532426400	Public IPv4 address 44.213.147.202 open address	Private IPv4 addresses 172.31.1.11
IPv6 address -	Instance state Running	Public DNS ec2-44-213-147-202.compute-1.amazonaws.com open address
Hostname type IP name: ip-172-31-1-11.ec2.internal	Private IP DNS name (IPv4 only) ip-172-31-1-11.ec2.internal	Elastic IP addresses -
Answer private resource DNS name -	Instance type t3.small	AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations. Learn more
Auto-assigned IP address 44.213.147.202 [Public IP]	VPC ID vpc-09834fac507472899	Auto Scaling Group name -
IAM Role -	Subnet ID subnet-03d4fe135de46084b	



No se puede acceder a este sitio web

La página **44.213.147.202** ha rechazado la conexión.

Prueba a:

- Comprobar la conexión
- [Comprobar el proxy y el cortafuegos](#)

ERR_CONNECTION_REFUSED

Ocultar detalles

Volver a cargar

Comprueba tu conexión a Internet

Comprueba los cables y reinicia los routers, los módems o cualquier otro dispositivo de red que estés utilizando.

Configura tu cortafuegos o tu antivirus para permitir el acceso de

us-east-1.console.aws.amazon.com/cloud9/ide/4f9ba19a63aa46deb6e8881823f5f052?region=us-east-1

Finalizar actualización

Go to Anything (Ctrl-P)

- prueba - /home/ec2-user/environment
 - .c9
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 - sesiones_5_6_cloudformation
 - sesiones_7_8_sam_cicd
 - tareacloudformation
 - tareassamcicd
 - bluegreen
 - src
 - apifunction
 - node_modules

npm - "ip-172-31-1-11.ec2" x bash - "ip-172-31-1-11.ec2" x

```
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen/src/apifunction (development) $ curl localhost
curl: (7) Failed to connect to localhost port 80 after 0 ms: Couldn't connect to server
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen/src/apifunction (development) $ curl localhost:3000
Hola mundo!! El parámetro 'nombre' es: undefinedvoclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen/src/apifunction (development) $
```

sam deploy --guided

us-east-1.console.aws.amazon.com/cloud9/ide/4f9ba19a63aa46deb6e8881823f5f052?region=us-east-1

Finalizar actualización

Go to Anything (Ctrl-P)

- prueba - /home/ec2-user/environment
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 - .github
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 - pipeline.yaml
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 - laCjosemanuel
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 - sesiones_7_8_sam_cicd
 - tareacloudformation
 - tareassamcicd
 - bluegreen
 - src
 - apifunction
 - node_modules
 - test
 - .gitignore

development AWS: profile:default

```
npm - "ip-172-31-1-11.ec2" x sam - "ip-172-31-1-11.ec2" x +
-rw-r--r--. 1 ec2-user ec2-user 82 Jun 21 18:40 package-lock.json
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen/src (development) $ cd ..
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen (development) $ ls -l -a
total 4
drwxr-xr-x. 3 ec2-user ec2-user 38 Jun 21 18:40 .
drwxr-xr-x. 3 ec2-user ec2-user 40 Jun 21 18:40 ..
drwxr-xr-x. 3 ec2-user ec2-user 50 Jun 21 18:40 src
-rw-r--r--. 1 ec2-user ec2-user 3224 Jun 21 18:40 template.yaml
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen (development) $ sam deploy --guided

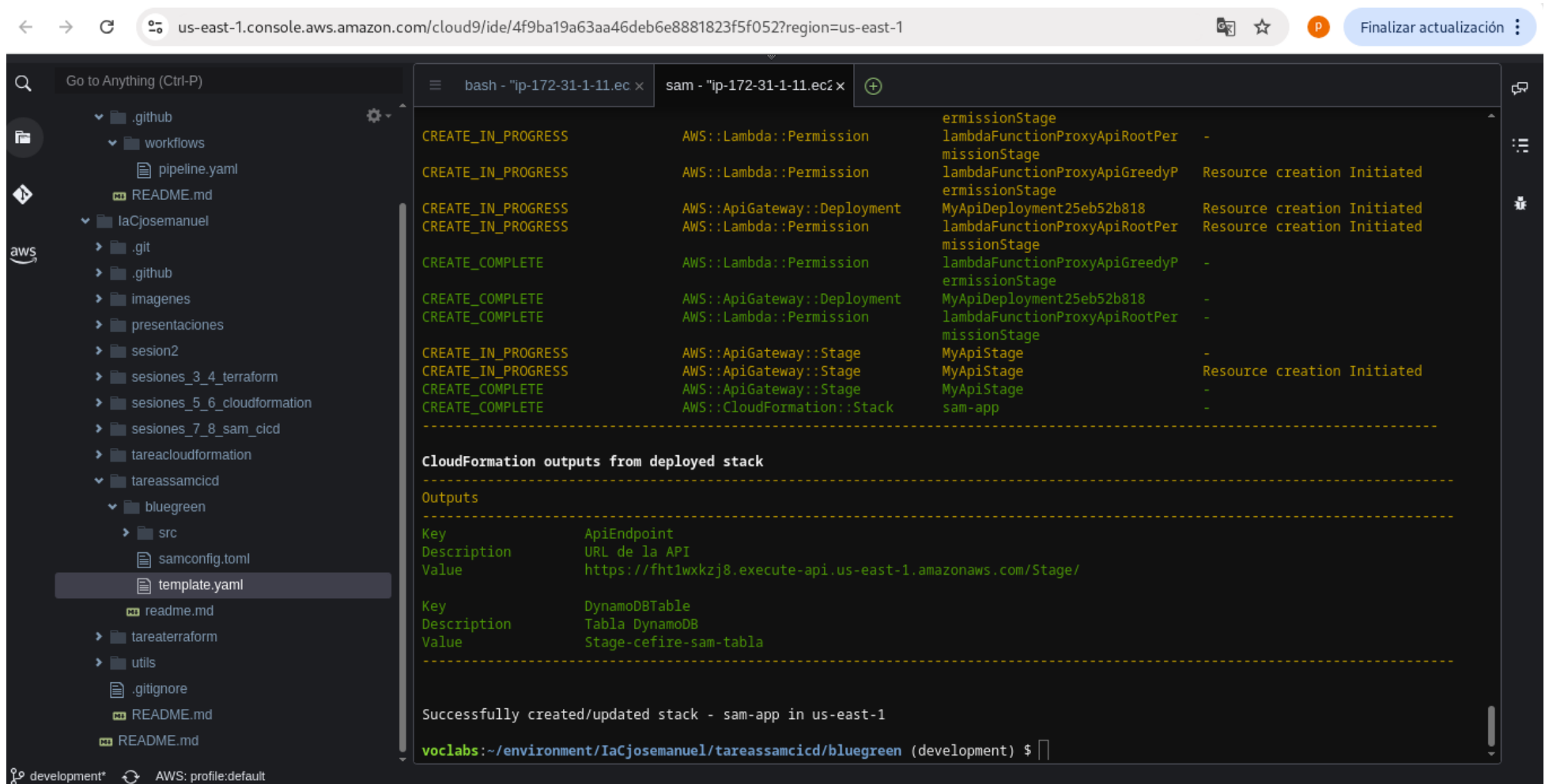
Configuring SAM deploy
=====

Looking for config file [samconfig.toml] : Not found

Setting default arguments for 'sam deploy'
=====
Stack Name [sam-app]:
AWS Region [us-east-1]:
Parameter Stage []:
Parameter ApiName [sam-cefire]:
#Shows you resources changes to be deployed and require a 'Y' to initiate deploy
Confirm changes before deploy [y/N]: y
#SAM needs permission to be able to create roles to connect to the resources in your template
Allow SAM CLI IAM role creation [Y/n]: y
#Preserves the state of previously provisioned resources when an operation fails
Disable rollback [y/N]: y
lambdaFunction has no authentication. Is this okay? [y/N]: y
lambdaFunction has no authentication. Is this okay? [y/N]: y
Save arguments to configuration file [Y/n]: y
SAM configuration file [samconfig.toml]: y
SAM configuration environment [default]: y

Looking for resources needed for deployment:
Creating the required resources...
```


para hacer el sam deploy he añadido el valor Stage a la entrada allowedvalues del archivo .yaml



us-east-1.console.aws.amazon.com/cloud9/ide/4f9ba19a63aa46deb6e8881823f5f052?region=us-east-1

Finalizar actualización

```
bash - "ip-172-31-1-11.ec2" sam - "ip-172-31-1-11.ec2"
CREATE_IN_PROGRESS AWS::Lambda::Permission lambdaFunctionProxyApiRootPer
CREATE_IN_PROGRESS AWS::Lambda::Permission lambdaFunctionProxyApiGreedyP
CREATE_IN_PROGRESS AWS::ApiGateway::Deployment MyApiDeployment25eb52b818
CREATE_IN_PROGRESS AWS::Lambda::Permission lambdaFunctionProxyApiRootPer
CREATE_COMPLETE AWS::Lambda::Permission lambdaFunctionProxyApiGreedyP
CREATE_COMPLETE AWS::ApiGateway::Deployment MyApiDeployment25eb52b818
CREATE_COMPLETE AWS::Lambda::Permission lambdaFunctionProxyApiRootPer
CREATE_IN_PROGRESS AWS::ApiGateway::Stage MyApiStage
CREATE_IN_PROGRESS AWS::ApiGateway::Stage MyApiStage
CREATE_COMPLETE AWS::ApiGateway::Stage MyApiStage
CREATE_COMPLETE AWS::CloudFormation::Stack sam-app

-----
CloudFormation outputs from deployed stack
-----
Outputs
-----
Key           ApiEndpoint
Description   URL de la API
Value         https://fht1wxkzj8.execute-api.us-east-1.amazonaws.com/Stage/

Key           DynamoDBTable
Description   Tabla DynamoDB
Value         Stage-cefire-sam-tabla
-----

Successfully created/updated stack - sam-app in us-east-1

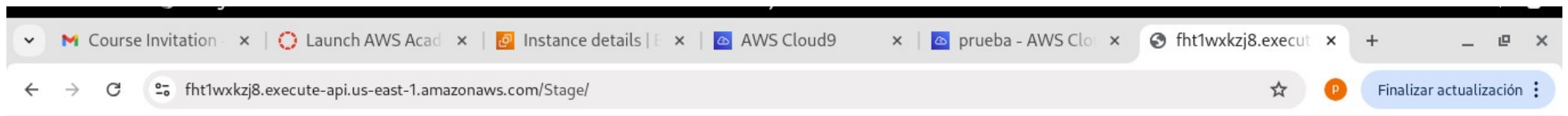
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen (development) $
```

Go to Anything (Ctrl-P)

- .github
 - workflows
 - pipeline.yaml
 - README.md
- laCjosemanuel
 - .git
 - .github
 - imagenes
 - presentaciones
 - sesion2
 - sesiones_3_4_terraform
 - sesiones_5_6_cloudformation
 - sesiones_7_8_sam_cicd
 - tareacloudformation
 - tareassamcicd
 - bluegreen
 - src
 - samconfig.toml
 - template.yaml
 - readme.md
 - tareaterraform
 - utils
 - .gitignore
 - README.md
 - README.md

```
1 AWSTemplateFormatVersion: 2010-09-09
2 Description: >~
3 Ejemplo de aplicacion web para desplegar una API REST con AWS SAM
4 ~
5 # Indicamos que vamos a utilizar una plantilla SAM
6 Transform:~
7   - AWS::Serverless-2016-10-31
8 ~
9 Parameters:~
10   # El parámetro Stage nos permitirá crear las etapas de staging y production
11   Stage:~
12     Type: String
13     AllowedValues:~
14       - Stage
15       - staging
16       - production
17   # Nombre de la API en API Gateway
18   ApiName:~
19     Type: String
20     Default: sam-cefire
21 ~
22 Resources:~
23   MyApi:~
24     Type: AWS::Serverless::Api
25     Properties:~
26       Name: !Sub "${ApiName}-${Stage}"
27       StageName: !Ref Stage
28       Variables:~
29         LAMBDA_ALIAS: !Ref Stage
30 ~
31   CanaryErrorsAlarm:~
32     Type: AWS::CloudWatch::Alarm
33     Properties:~
34       AlarmDescription: Alarma para detección de problemas en Canary
```

20:24 YAML Spaces: 2



Hola mundo!! El parámetro 'nombre' es: undefined

Course Invitation x | Launch AWS Acad x | Instance details | E x | AWS Cloud9 x | prueba - AWS Clo x | fht1wxkzj8.execut x

← → ↻ fht1wxkzj8.execute-api.us-east-1.amazonaws.com/Stage/?nombre=pruebackfire ☆ P Finalizar actualización ⋮

Hola mundo!! El parámetro 'nombre' es: pruebackfire

Actividades Google Chrome 22 de jun 13:33

Course Invitation x Launch AWS Acad x Stage-cefire-sam x AWS Cloud9 x prueba - AWS Clo x fht1wxkzj8.execut x +

us-east-1.console.aws.amazon.com/cloud9/ide/4f9ba19a63aa46deb6e8881823f5f052?region=us-east-1

Finalizar actualización

Go to Anything (Ctrl-P)

- .github
- imagenes
- presentaciones
- sesion2
- sesiones_3_4_terraform
- sesiones_5_6_cloudformation
- sesiones_7_8_sam_cicd
- tareacloudformation
- tareassamcicd
 - bluegreen
 - src
 - apifunction
 - node_modules
 - test
 - .gitignore
 - JS app.local.mjs
 - JS handler.mjs
 - JS index.mjs
 - package-lock.json
 - package.json
 - package-lock.json
 - samconfig.toml
 - template.yaml
 - readme.md
 - tareaterraform
 - utils

```
1 // Librería express~
2 import express from "express";~
3 ~
4 const app = express();~
5 ~
6 // GET /~
7 app.get("/", (req, res) => {~
8   let mensaje = `Hola mundo!! El parámetro 'nombre' es: ${req.query.nombre}`;~
9   ~
10   // TODO 1: descomentar el siguiente código para introducir un cambio~
11   | mensaje = `Hola mundo!! Esta es la versión 2!! El parámetro 'nombre' es: ${req.query.nombre}`;~
12   res.send(mensaje);~
13 });~
14 ~
15 // GET /adios~
16 app.get("/adios", (req, res) => {~
17   res.send("Adiós mundo!!");~
18 });~
19 ~
20 // TODO 2: descomentar el siguiente código para introducir un cambio~
21 // app.get("/adios2", (req, res) => {~
22 //   res.send("Adiós mundo!!");~
23 // });~
24 ~
25 // Funciones auxiliares para testear en local~
26 function startServer() {~
27   console.log("Servidor escuchando en puerto 3000");~
28   return app.listen(3000);~
29 }~
30 ~
31 function stopServer(server) {~
32   return new Promise((resolve) => {~
33     server.close(() => {~
34       resolve();~
```

11:2 JavaScript Spaces: 2

Actividades Google Chrome 22 de jun 13:34

Course Invitation - x Launch AWS Acad x Stage-cefire-sam- x AWS Cloud9 x prueba - AWS Clo x fht1wxkzj8.execut x +

us-east-1.console.aws.amazon.com/cloud9/ide/4f9ba19a63aa46deb6e8881823f5f052?region=us-east-1

Go to Anything (Ctrl-P)

- .github
- imagenes
- presentaciones
- sesion2
- sesiones_3_4_terraform
- sesiones_5_6_cloudformation
- sesiones_7_8_sam_cicd
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- bluegreen
 - src
 - apifunction
 - node_modules
 - test
 - .gitignore
 - JS app.local.mjs
 - JS handler.mjs
 - JS index.mjs
 - package-lock.json
 - package.json
 - package-lock.json
 - samconfig.toml
 - template.yaml
 - readme.md
- tareaterraform
- utils

development* AWS: profile:default

bash - "ip-172-31-1-11.ec2 x sam - "ip-172-31-1-11.ec2 x template.yaml x JS index.mjs x +

```
Confirm changeset : True
Disable rollback : True
Deployment s3 bucket : aws-sam-cli-managed-default-samclisourcebucket-v4lqeiyfr72e
Capabilities : ["CAPABILITY_IAM"]
Parameter overrides : {"Stage": "Stage", "ApiName": "sam-cefire"}
Signing Profiles : {}

Initiating deployment
=====

Uploading to sam-app/0a5e501118997ff74ceede352caa6ec5.template 3168 / 3168 (100.00%)

Waiting for changeset to be created..

CloudFormation stack changeset
-----
Operation LogicalResourceId ResourceType Replacement
-----
+ Add lambdaFunctionVersion3f49104f2d AWS::Lambda::Version N/A
* Modify CanaryErrorsAlarm AWS::CloudWatch::Alarm False
* Modify lambdaFunctionAliasStage AWS::Lambda::Alias False
* Modify lambdaFunction AWS::Lambda::Function False
- Delete lambdaFunctionVersion8ddfa59518 AWS::Lambda::Version N/A
-----

Changeset created successfully. arn:aws:cloudformation:us-east-1:328987266375:changeSet/samcli-deploy1750592071/0c4d4c5b-e7f8-4800-87d7-ef419249737f

Previewing CloudFormation changeset before deployment
=====
Deploy this changeset? [y/N]:
```


codedeploy

Actividades

Google Chrome

22 de jun 13:37

Course Invi

Launch AV

Deployer

Console H

d-FQEKA7

AWS Cloud

prueba - A

fht1wxkzj8

us-east-1.console.aws.amazon.com/codesuite/codedeploy/deployments/d-FQEKA7XHD?region=us-east-1

Finalizar actualización

aws

Services

Search

[Alt+S]

United States (N. Virginia)

voclabs/user4086016=JOSE_MANUEL_ALVAREZ @ 3289-8726-6375

Developer Tools

CodeDeploy

Source • CodeCommit

Artifacts • CodeArtifact

Build • CodeBuild

Deploy • CodeDeploy

Getting started

Deployments

Deployment

Applications

Deployment configurations

On-premises Instances

Pipeline • CodePipeline

Settings

Developer Tools > CodeDeploy > Deployments > d-FQEKA7XHD

d-FQEKA7XHD

Stop deployment

Stop and roll back deployment

Deployment status

Step 1

Pre-deployment validation

100%

Completed

Succeeded

Step 2

Traffic shifting

30%

30% complete

In progress

Step 3

Post-deployment validation

0%

Not started

Traffic shifting progress

The deployment will shift 10% of traffic from the current version to the replacement version every 1 minute(s) until all of the traffic is routed to the new version.

Original

Replacement

70%

30%

Deployment results Info

70% of traffic

30% of traffic

Deployment details

CloudShell

Feedback

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Actividades Google Chrome 22 de jun 13:38

Course Invi x Launch AV x Deployer x Console H x d-FQEKA7 x AWS Cloud x prueba - A x fht1wxkzj8 x

fht1wxkzj8.execute-api.us-east-1.amazonaws.com/Stage/ Finalizar actualización

Hola mundo!! Esta es la versión 2!! El parámetro 'nombre' es: undefined

Actividades

Google Chrome

22 de jun 13:39

📶 🔊 📄

▼ Course Invi x | 🌀 Launch AV x | 🌐 Deploymer x | 📦 Console H x | 🌐 d-FQEKA7 x | 🌩 AWS Cloud x | ☁ prueba - A x | 🌐 fht1wxkzj8 x | +

🔍 fht1wxkzj8.execute-api.us-east-1.amazonaws.com/Stage/

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Finalizar actualización ⋮

Hola mundo!! El parámetro 'nombre' es: undefined

Actividades

Google Chrome

22 de jun 13:41

Course Invi x Launch AV x Deployer x Console H x d-FQEKA7 x AWS Cloud x prueba - A x fht1wxkz8 x +

us-east-1.console.aws.amazon.com/codesuite/codedeploy/deployments/d-FQEKA7XHD?region=us-east-1

Finalizar actualización

aws

Services

Search

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Developer Tools

CodeDeploy

Source • CodeCommit

Artifacts • CodeArtifact

Build • CodeBuild

▼ Deploy • CodeDeploy

Getting started

Deployments

Deployment

Applications

Deployment configurations

On-premises instances

► Pipeline • CodePipeline

► Settings

Developer Tools > CodeDeploy > Deployments > d-FQEKA7XHD

d-FQEKA7XHD

Stop deployment

Stop and roll back deployment

Deployment status

Step 1

Pre-deployment validation

100%

Completed ✓ Succeeded

Step 2

Traffic shifting

60%

60% complete ■ In progress

Step 3

Post-deployment validation

0%

Not started

Traffic shifting progress

The deployment will shift 10% of traffic from the current version to the replacement version every 1 minute(s) until all of the traffic is routed to the new version.

Original

Replacement

40%

60%

Deployment results Info

40% of traffic

60% of traffic

Actividades Google Chrome 22 de jun 13:41

Course Invi x Launch AV x Deployer x Console H x d-FQEKA7 x AWS Cloud x prueba - A x fht1wxkzj8 x

fht1wxkzj8.execute-api.us-east-1.amazonaws.com/Stage/

Finalizar actualización

Hola mundo!! Esta es la versión 2!! El parámetro 'nombre' es: undefined

Actividades Google Chrome 22 de jun 13:42

Course l x | Launch / x | Deployn x | Console x | d-FQEK x | AWS Clo x | prueba - x | fht1wxk x | fht1wxk x +

fht1wxkzj8.execute-api.us-east-1.amazonaws.com/Stage/adios2

Dar formato al texto ☐

```
{"message": "Internal server error"}
```


Actividades

Google Chrome

22 de jun 13:48

Cour x

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Depl x

Cons x

d-FG x

AWS x

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us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-east-1#home:dashboards/Lambda?~(alarmStateFilter=~('ALARM'))

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CloudWatch

>

Lambda

🔗

Lambda

☆

Cross account unavailable

1h

3h

12h

1d

1w

Custom

UTC timezone

🔄

▼

🔗

Lambda

▼

Filter by resource group

▼

Info

Actions

▼

Explore related

Add to dashboard

☒ In alarm (1)

☐ Insufficient data (0)

☐ OK (0)

☐ Alarm recommendations

Alarms

🚨 sam-app-CanaryErrorsAlarm

🔄

🔍

ⓘ

⋮

Count

9

4.5

0

Errors > 0 for 2 datapoints within 2 min...

09:00

10:00

11:00

Errors

Invocations: Sum

ⓘ

⋮

Duration: Average

ⓘ

⋮

CloudShell

Feedback

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Actividades

Google Chrome

22 de jun 13:51

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🌐

us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-east-1#alarmsV2:alarm/sam-app-CanaryErrorsAlarm-NkYDTmLXz462?~(alarm...

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Finalizar actualización

⋮

aws

🔍 Search

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☰ CloudWatch > Alarms > sam-app-CanaryErrorsAlarm-NkYDTmLXz462

🔄

CloudWatch

<

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▼ Alarms 🚨 1 🕒 0 🔔 0

In alarm

All alarms

Billing

▼ Logs

Log groups

Log Anomalies

Live Tail

Logs Insights [New](#)

Contributor Insights

▼ Metrics

🛡️ Alarms

🔄

View ▾

🔍 Investigate ▾

Actions ▾

🔗 Explore related

📄

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Details

Name

sam-app-CanaryErrorsAlarm-NkYDTmLXz462

Type

Metric alarm

Description

Alarma para detección de problemas en Canary

State

🚨 In alarm

Threshold

Errors > 0 for 2 datapoints within 2 minutes

Last state update

2025-06-22 11:44:33 (UTC)

Actions

No actions

Namespace

AWS/Lambda

Metric name

Errors

Resource

Stage-cefire-sam-main:Stage

FunctionName

Stage-cefire-sam-main

ExecutedVersion

2

Statistic

Sum

Datapoints to alarm

2 out of 2

Missing data treatment

Treat missing data as missing

Percentiles with low samples evaluate

ARN

arn:aws:cloudwatch:us-east-1:328987266375:alarm:sam-app-CanaryErrorsAlarm-NkYDTmLXz462

CloudShell

Feedback

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sam delete

The screenshot shows a Google Chrome browser window at the top with the URL `us-east-1.console.aws.amazon.com/cloud9/ide/4f9ba19a63aa46deb6e8881823f5f052?region=us-east-1`. Below the browser is a terminal window with a dark theme. The terminal shows the command `sam delete` being executed in a shell. The output of the command is as follows:

```
voclabs:~/environment/IaCjosemanuel/tareassamcicd/bluegreen (development) $ sam delete
Are you sure you want to delete the stack sam-app in the region us-east-1 ? [y/N]: y
Are you sure you want to delete the folder sam-app in S3 which contains the artifacts? [y/N]: y
- Deleting S3 object with key sam-app/82be67cecf380808bc6228c2ebcea9e1
- Deleting S3 object with key sam-app/0a5e501118997ff74ceede352caa6ec5.template
- Deleting S3 object with key sam-app/2ddd1ca2f7fcb19c7aebfde03fc93499
- Deleting S3 object with key sam-app/aa36baf721e2b8a6a67312c194e22adf.template
- Deleting S3 object with key sam-app/c5273a56280d37b68a740c30c40f4e26.template
- Deleting Cloudformation stack sam-app
```

The terminal window also shows a file explorer on the left with the following structure:

- prueba - /home/ec2-user/environment
 - .c9
 - cicd_josemanuel
 - IaCjosemanuel
 - .git
 - .github
 - imagenes
 - presentaciones
 - sesion2
 - sesiones_3_4_terraform
 - sesiones_5_6_cloudformation
 - sesiones_7_8_sam_cicd
 - tareacloudformation
 - tareassamcicd
 - bluegreen

The file `README.md` is visible under the `bluegreen` folder.