

1. Create Role: <https://console.aws.amazon.com/iam/home?#/roles>
 - a. Create role
 - b. Select type of trusted entity: AWS Service
 - c. Choose the service that will use this role: Lambda
 - d. Attach permissions policies: AWSLambdaFullAccess
 - e. Name: Lambda-role-test
2. Create a new user to CLI:
<https://console.aws.amazon.com/iam/home?region=us-east-1#/users>
 - a. User Name
 - b. Access type: Programmatic access
 - c. Attach existing policies directly: AWSLambdaFullAccess
 - d. Next
 - e. Next Review
 - f. Create User
 - g. Download .csv or copy your Access key ID and your Secret access key.
3. brew install awscli
4. Open Terminal
5. Type: aws configure
 - i. Key
 - ii. Secret
 - iii. us-east-1
 - iv. json
6. cat ~/.aws/credentials
7. Create a Lambda
 - a. Create a new folder
 - b. Create a index.js in your new folder
 - c. Copy Code
 - d. Open Terminal
 - e. zip function.zip index.js
 - f. Upload Lambda with CLI
8. Add API Gateway:
<https://console.aws.amazon.com/lambda/home?region=us-east-1#/functions>

- a. Select Function helloWorld
- b. Add trigger
 - i. Create a new API
 - ii. Security: Open
 - iii. Clic Add
- c. Clic Api Gateway
- d. Then: In the lambda you can see your URL

Code

```
'use strict';

exports.handler = async (event) => {
  const response = {
    statusCode: 200,
    body: JSON.stringify('Hello from Lambda!'),
  };
  return response;
};
```

CLI

```
aws lambda create-function --function-name helloWorld --zip-file fileb://function.zip --handler
index.handler --runtime nodejs10.x --role arn:aws:iam::002631123367:role/xyzt --profile xyz
```