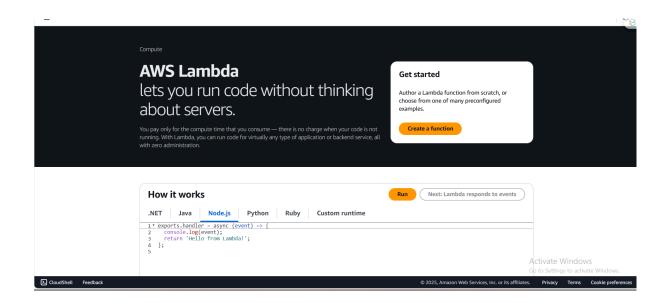# AWS LAMBDA

CREATE FUNCTION

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
Enter a name that describes the purpose of your function.

`lambdaexample`

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 Info
Choose the language to use to write your function. Note that the console code editor supports only Node.js, Python, and Ruby.

`Python 3.13` ▼

Architecture Info
Choose the instruction set architecture you want for your function code.
● x86_64
○ arm64

Permissions Info
By default, Lambda will create an execution role with permissions to upload logs to Amazon CloudWatch Logs. You can customize this default role later when adding triggers.

▼ **Change default execution role**

Choose a role that defines the permissions of your function. To create a custom role, go to the IAM console ↗.
● Create a new role with basic Lambda permissions
○ Use an existing role
○ Create a new role from AWS policy templates

ⓘ Role creation might take a few minutes. Please do not delete the role or edit the trust or permissions policies in this role.

Lambda will create an execution role named lambdaexample-role-ldz14gbq, with permission to upload logs to Amazon CloudWatch Logs.

▼ **Additional Configurations**

Use additional configurations to set up code signing, function URL, tags, and Amazon VPC access for your function.

☐ **Enable Code signing** Info
Use code signing configurations to ensure that the code has been signed by an approved source and has not been altered since signing.

☐ **Enable encryption with an AWS KMS customer managed key** Info
By default, Lambda encrypts the .zip file archive using an AWS owned key.

☑ **Enable function URL** Info
Use function URLs to assign HTTP(S) endpoints to your Lambda function.

Auth type
Choose the auth type for your function URL. Learn more ↗
○ AWS_IAM
Only authenticated IAM users and roles can make requests to your function URL.

● NONE
Lambda won't perform IAM authentication on requests to your function URL. The URL endpoint will be public unless you implement your own authorization logic in your function.

Function URL permissions

ⓘ When you choose auth type **NONE**, Lambda automatically creates the following resource-based policy and attaches it to your function. This policy makes your function public to anyone with the function URL. You can edit the policy later. To limit access to authenticated IAM users and roles, choose auth type **AWS_IAM**.

▼ **View policy statement**

```json
{
    "Version": "2012-10-17",
    "Statement": [
        {
            "StatementId": "FunctionURLAllowPublicAccess",
            "Effect": "Allow",
            "Principal": "*",
            "Action": "lambda:InvokeFunctionUrl",
            "Resource": "arn:aws:lambda:us-east-1:699475937818:function:lambdaexample",
            "Condition": {
                "StringEquals": {
                    "lambda:FunctionUrlAuthType": "NONE"
                }
            }
        }
    ]
}
```

1:1   JSON   Spaces: 2

Invoke mode Info
Choose how your function returns responses. Learn more ↗
● BUFFERED (default)
The invocation results are available when the payload is complete. Response payload max size: 6 MB

○ RESPONSE_STREAM
Stream the invocation results. Streaming responses incurs additional costs. Refer to the documentation for payload size limitations. Learn more ↗

☐ **Configure cross-origin resource sharing (CORS)**
Use CORS to allow access to your function URL from any origin. You can also use CORS to control access for specific HTTP headers and methods in requests to your function URL. By default, all origins are allowed. You can edit this after creating the function. Learn more ↗

☐ **Enable tags** Info
A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources, track your AWS costs, and enforce attribute-based access control.

☐ **Enable VPC** Info
Connect your function to a VPC to access private resources during invocation.

Cancel   **Create function**

Info   Tutorials

Learn how to implement common use cases in AWS Lambda.

Create a simple web app ^

In this tutorial you will learn how to:
- Build a simple web app, consisting of a Lambda function with a function URL that outputs a webpage
- Invoke your function through its function URL

Learn more ↗

Start tutorial

CONFIGERATIONS ---▢ FUNCTION URL --▢ CHECK URL RUNS

✓ Successfully updated the function **lambda**. ✕

| Code | Test | Monitor | **Configuration** | Aliases | Versions |

General configuration

Triggers

Permissions

Destinations

Function URL

Environment variables

Tags

VPC

RDS databases

Monitoring and operations tools

Function URL Info

Delete   Edit

ⓘ Your function URL is public. Anyone with the URL can access your function.

Function URL
⎘
https://oaf4pjddglr24dp4w36hi3lyv40irjek.lambda-url.eu-north-1.on.aws/ ⬈

Auth type
NONE

Invoke mode Info
BUFFERED

Creation time
51 minutes ago

Last modified
51 minutes ago

CORS (Not enabled)

Info **Tutorials** >

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Start tutorial

Activate Windows
Go to Settings to activate Windows.

---

oaf4pjddglr24dp4w36hi3lyv40i... ✕ +

← → ⟳   oaf4pjddglr24dp4w36hi3lyv40irjek.lambda-url.eu-north-1.on.aws

▦ | ▦ Latest supported Vi...   🛕 The Hindu   ⓓ Solved Papers by su...   M Gmail   ▶ YouTube   🗺 Maps   � 172.16.0.2:2280/cpo...

Pretty-print ☐

"THIS IS FDP ON CC@JSSATEB"