

Lambda 생성하기

단계1: AWS Lambda 이동

The screenshot shows the AWS Management Console interface. At the top, the search bar contains the text "Lambda", which is highlighted with a red rectangle. Below the search bar, the "Services" section is displayed. A red arrow points to the "Lambda" service icon, which is labeled "Lambda" and "Run code without thinking about servers". To the left of the "Services" section, there is a sidebar with a "Lambda" link and a "Functions" link. Below the "Functions" link, there is a section titled "Additional" with a dropdown arrow. On the right side of the console, there is a table with columns for "Type", "Runtime", and "Last". The table shows a single entry with "Python 3.11" in the "Runtime" column and "4 mc" in the "Last" column. Above the table, there is a "Last fetched 40 seconds ago" status and an "Actions" button.

aws | [Search: Lambda] | Asia Pacific (Seoul)

Services [Show more](#)

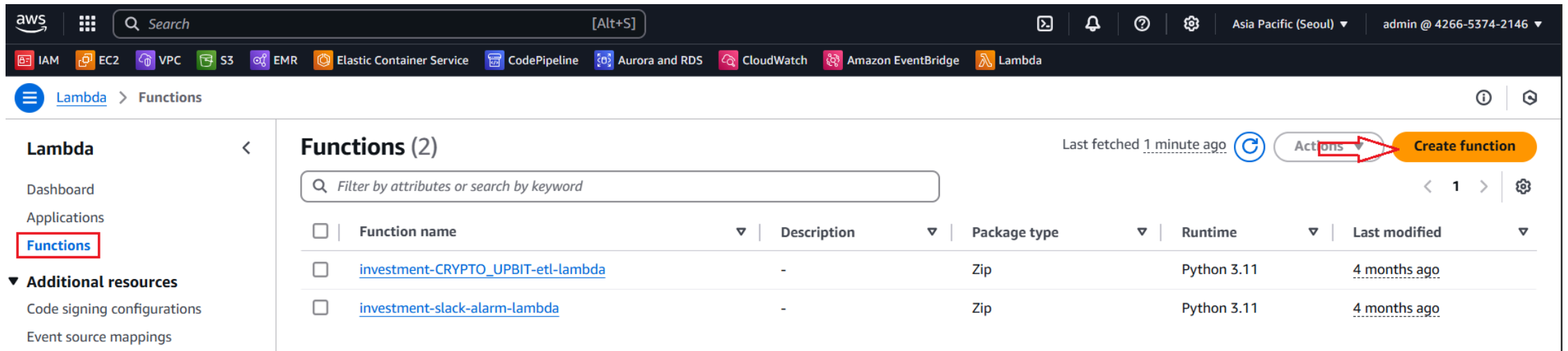
- Lambda** Run code without thinking about servers
- CodeBuild** Build and Test Code
- AWS Signer**

Additional

Last fetched 40 seconds ago [Refresh](#) [Actions](#)

Type	Runtime	Last
	Python 3.11	4 mc

단계2: AWS Lambda 생성



The screenshot shows the AWS Lambda console interface. At the top, there's a navigation bar with the AWS logo, a search bar, and various service icons including IAM, EC2, VPC, S3, EMR, Elastic Container Service, CodePipeline, Aurora and RDS, CloudWatch, Amazon EventBridge, and Lambda. The user's account information 'admin @ 4266-5374-2146' is visible in the top right.

Below the navigation bar, the left sidebar shows the 'Lambda' section with a 'Functions' link highlighted in a red box. The main content area is titled 'Functions (2)' and displays a table of existing functions. A red arrow points to the 'Create function' button in the top right corner of the main area.

Functions (2) Last fetched 1 minute ago

Filter by attributes or search by keyword

<input type="checkbox"/>	Function name	Description	Package type	Runtime	Last modified
<input type="checkbox"/>	investment-CRYPTO_UPBIT-etl-lambda	-	Zip	Python 3.11	4 months ago
<input type="checkbox"/>	investment-slack-alarm-lambda	-	Zip	Python 3.11	4 months ago

☒ **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.

FirstLambda

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**


► **Additional Configurations**

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

[Cancel](#)

Create function

단계3: AWS Lambda 생성 확인 및 선택

 [Lambda](#) > Functions

Lambda

Dashboard

Applications

Functions


▼ Additional resources

Code signing configurations

Event source mappings

Layers

Functions (3)

Last fetched 58 seconds ago 


Actions ▼

Create fu

1 match

First X Clear filters


< 1


<input type="checkbox"/>	Function name ▼	Description ▼	Package type ▼	Runtime ▼	Last modified
	FirstLambda	-	Zip	Python 3.13	59 seconds ago

Lambda Configuration

General configuration

+ Add trigger

FirstLambda

Layers

(0)


+ Add destination

-

Last modified

6 minutes ago

Function ARN

arn:aws:lambda:ap-northeast-2:426653742146:function:FirstLambda

Function URL

[Info](#)

-

Code

Test

Monitor

Configuration

Aliases

Versions

General configuration

Triggers

Permissions

Destinations

Function URL

General configuration

[Info](#)

Description

-

Timeout

0 min 3 sec

Memory

128 MB

SnapStart

[Info](#)

None

Ephemeral storage

512 MB

Edit

- Timeout 시간 수정

Monitor

Configuration

Aliases

Versions

General configuration [Info](#)

 [Edit](#)

Description

-

Timeout

1 min 0 sec

Memory

128 MB

SnapStart [Info](#)

None

Ephemeral storage

512 MB

Execution role

Code

Test

Monitor

Configuration

Aliases

Versions

General configuration

Triggers


Permissions

Destinations

Function URL

Environment variables

Execution role



Edit


View role document

Role name

FirstLambda-role-1l7yhpcalink


Resource summary

To view the resources and actions that your function has permission to access, choose a service.



Amazon CloudWatch Logs

3 actions, 2 resources





Lambda 테스트

단계1: 코드 수정

▼ Function overview [Info](#)

Diagram | Template

 **FirstLambda**

 Layers (0)

+ Add trigger

+ Add destination

Export to Infrastructure Composer

Download ▼


Description

-

Last modified

5 minutes ago

Function ARN

 arn:aws:lambda:ap-northeast-2:426653742146:function:FirstLambda

Function URL [Info](#)

-

Code | Test | Monitor | Configuration | Aliases | Versions


Code source [Info](#)

Upload from ▼

▼

← →

FirstLambda



12

```
import json

def lambda_handler(event, context):
    # TODO implement
    print("Hello World")
    return {
        'statusCode': 200,
        'body': json.dumps(event)
    }
```

단계2: Deploy

✓ Successfully updated the function **FirstLambda**.

Code

Test

Monitor

Configuration

Aliases

Versions

Code source [Info](#)

EXPLORER

▼ FIRSTLAMBDA

lambda_function.py

▼ DEPLOY

Deploy (Ctrl+Shift+U)

Test (Ctrl+Shift+I)


lambda_function.py


```
1 import json
2
3 def lambda_handler(event, context):
4     # TODO implement
5     print("Hello World")
6     return {
7         'statusCode': 200,
8         'body': json.dumps(event)
9     }
10
```

단계3: Test 이동

▼ Function overview [Info](#)

Diagram | Template

 **FirstLambda**

 Layers (0)

+ Add trigger

+ Add destination

Export to Infrastructure Composer

Download ▼


Description

-

Last modified

[1 minute ago](#)

Function ARN

 `arn:aws:lambda:ap-northeast-2:426653742146:function:FirstLambda`

Function URL [Info](#)

-

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

Test event [Info](#)

CloudWatch Logs Live Tail

Save

Test

To invoke your function without saving an event, configure the JSON event, then choose Test.

단계4: Test Event 저장(생성)

Test event [Info](#)

CloudWatch Logs **Live Tail** Save Test

To invoke your function without saving an event, configure the JSON event, then choose Test.

Test event action

☒ Create new event

☐ Edit saved event

Event name

TestEvent

Maximum of 25 characters consisting of letters, numbers, dots, hyphens and underscores.

Event sharing settings

☒ Private
This event is only available in the Lambda console and to the event creator. You can configure a total of 10. [Learn more](#)

☐ Shareable
This event is available to IAM users within the same account who have permissions to access and use shareable events. [Learn more](#)

Template - optional

Hello World

Event JSON [Format JSON](#)

```
1 {  
2   "key1": "value1",  
3   "key2": "value2",  
4   "key3": "value3"  
5 }
```


단계5: Test 진행

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

✓ Executing function: succeeded ([logs \[?\]](#))

► Details

Test event [Info](#)

Delete

CloudWatch Logs Live Tail

Save

Test

To invoke your function without saving an event, modify the event, then choose Test. Lambda uses the modified event to invoke your function, but does not overwrite the original event until you choose Save.

Test event action

☐ Create new event

☒ Edit saved event

Event name

TestEvent



- 결과 확인

Code

Test

Monitor

Configuration

Aliases

Versions

✔ Executing function: succeeded ([logs](#) [↗](#))

▼ Details

```
{
  "statusCode": 200,
  "body": "{\"key1\": \"value1\", \"key2\": \"value2\", \"key3\": \"value3\"}"
}
```

Summary

Code SHA-256

PCOAQ2m/TWbnyGfJfUXG5OQXAdw7YY/Vr7P+SJopa4A=

Function version

\$LATEST

Duration

1.79 ms

Execution time

1 minute ago

Request ID

a9d987f0-023e-484b-8903-d4c9f2c529ab

Billed duration

2 ms