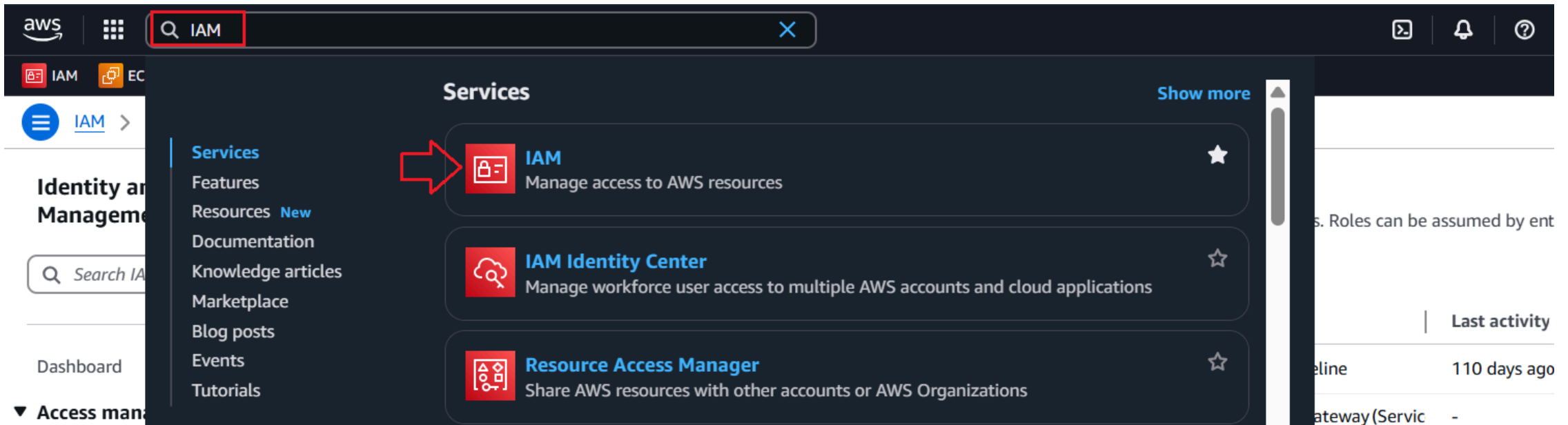


AWS Cloudformation Role

AWS IAM 접속



단계1: Create role

IAM

> Roles

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups

Users

Roles

Policies

Roles (14) Info

An IAM role is an identity you can create that has specific permissions with credentials that are valid for short durations. Roles can be assumed by entities that you trust.

Search

Role name

Trusted entities

Last activity

[AWSCodePipelineServiceRole-ap-northeast-2-Investment_crypto-pip](#)

AWS Service: codepipeline

110 days ago

[AWSServiceRoleForAPIGateway](#)

AWS Service: ops.apigateway (Service

-

[AWSServiceRoleForAwsUserNotifications](#)

AWS Service: notifications (Service-L

-

[AWSServiceRoleForCostOptimizationHub](#)

AWS Service: cost-optimization-hub.

4 hours ago

[AWSServiceRoleForSupport](#)

AWS Service: support (Service-Linker

-

Delete

Create role

단계2: Select trusted entity

Trusted entity type

☒ **AWS service**

Allow AWS services like EC2, Lambda, or others to perform actions in this account.

☐ **AWS account**

Allow entities in other AWS accounts belonging to you or a 3rd party to perform actions in this account.

☐ **Web identity**

Allows users federated by the specified external web identity provider to assume this role to perform actions in this account.

☐ **SAML 2.0 federation**

Allow users federated with SAML 2.0 from a corporate directory to perform actions in this account.

☐ **Custom trust policy**

Create a custom trust policy to enable others to perform actions in this account.

Use case

Allow an AWS service like EC2, Lambda, or others to perform actions in this account.

Service or use case

CloudFormation

Choose a use case for the specified service.

Use case

☒ **CloudFormation**

Allows CloudFormation to create and manage AWS stacks and resources on your behalf.

[Cancel](#)

[Next](#)



단계3: Add Permissions




AWSCloudFormationFullAccess
IAMFullAccess
AmazonS3FullAccess
AWSLambda_FullAccess
CloudWatchEventsFullAccess
CloudWatchFullAccess

Permissions policies (6/1048) [Info](#)

Choose one or more policies to attach to your new role.

Filter by Type

Q AWSCloudFormationFullAccess  X All types 1 match < 1 > 

<input checked="" type="checkbox"/>	Policy name 	Type	Description
<input checked="" type="checkbox"/>	  AWSCloudFormationFullAccess	AWS managed	Provides full access to AWS CloudFormati...

► Set permissions boundary - *optional*

Cancel

Previous 

Next

단계4: Role name

Role details

Role name

Enter a meaningful name to identify this role.

test-lambda-cloudformation-role

Maximum 64 characters. Use alphanumeric and '+=, @- _' characters.

Description

Add a short explanation for this role.

Allows CloudFormation to create and manage AWS stacks and resources on your behalf.

Maximum 1000 characters. Use letters (A-Z and a-z), numbers (0-9), tabs, new lines, or any of the following characters: _+=, @-/\[\]!#\$%^*()~:;'"`

단계5: Create

AmazonS3FullAccess	AWS managed	Permissions policy
AWSCloudFormationFullAccess	AWS managed	Permissions policy
AWSLambda_FullAccess	AWS managed	Permissions policy
CloudWatchEventsFullAccess	AWS managed	Permissions policy
CloudWatchFullAccess	AWS managed	Permissions policy
IAMFullAccess	AWS managed	Permissions policy

Step 3: Add tags

Add tags - optional [Info](#)

Tags are key-value pairs that you can add to AWS resources to help identify, organize, or search for resources.

No tags associated with the resource.

Add new tag

You can add up to 50 more tags.

Identity and Access Management (IAM) <

Search IAM

Dashboard

▼ Access management

User groups

Users

Roles

Policies

Identity providers

Role test-lambda-cloudformation-role created.

View role

X

Roles (15) Info

Refresh

Delete

Create role

test-lambda-cloud

X

1 match

< 1 >

Settings

<input type="checkbox"/>	Role name	▲	Trusted entities	Last activity	▼
<input type="checkbox"/>	test-lambda-cloudformation-role		AWS Service: cloudformation	-	

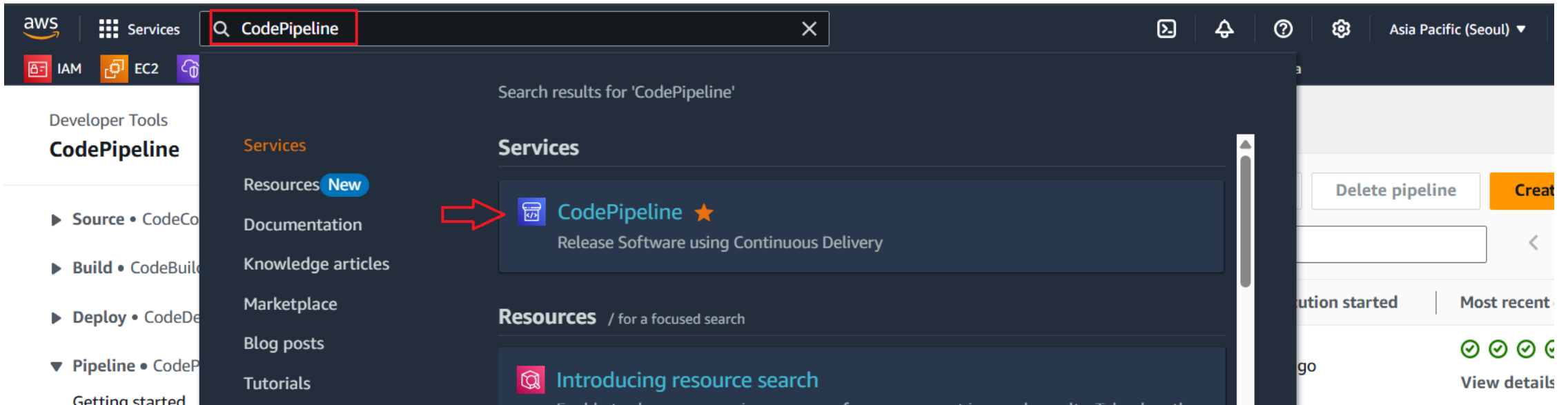
Roles Anywhere Info

Manage

Authenticate your non AWS workloads and securely provide access to AWS services.

AWS CI/CD

AWS CodePipeline 접속



Github Connection 생성

단계1: Create connection

Developer Tools

Settings

▶ Source • CodeCommit

▶ Build • CodeBuild

▶ Deploy • CodeDeploy

▶ Pipeline • CodePipeline

▼ Settings

Notification rules

Connections

Developer Tools > Connections

Connections Hosts

Connections Info

↺

View details

Update pending connection

Delete

Create connection

Q

< 1 >

⚙

Connection name	Provider	Status	ARN
No results			
There are no results to display.			

단계2: Select a provider

Select a provider

<input type="radio"/> Bitbucket	<input checked="" type="radio"/> GitHub	<input type="radio"/> GitHub Enterprise Server
<input type="radio"/> GitLab	<input type="radio"/> GitLab self-managed	

단계3: Connect to GitHub

Create GitHub App connection [Info](#)

Connection name

► Tags - *optional*

Connect to GitHub

단계4: GitHub connection settings

Connection name

github-connection

App Installation - *optional*

Install GitHub App to connect as a bot. Alternatively, leave it blank to connect as a GitHub user, which can be used in AWS CodeBuild projects.

Q 50320061



or

Install a new app

► Tags - *optional*

Connect

단계5: 결과 확인

Developer Tools

Settings

- ▶ Source • CodeCommit
- ▶ Build • CodeBuild
- ▶ Deploy • CodeDeploy
- ▶ Pipeline • CodePipeline

▼ Settings

Notification rules

Connections

🔍 Go to resource



[Developer Tools](#) > Connections

Connections

Hosts

Connections [Info](#)



View details

Update pending connection

Delete

Create connection



< 1 >



	Connection name	Provider	Status	ARN
<input type="radio"/>	github-connection	GitHub	✓ Available	arn:aws:codeconnections:ap-northeast-2:426653742146:connection/921ec3b2-1542be25-8ff2fc6b01bd

CodeBuild 생성

단계1: Create project

Developer Tools

CodeBuild

▶ Source • CodeCommit

▼ Build • CodeBuild

Getting started

Build projects

Build history

Report groups

Developer Tools > CodeBuild > Build projects

Build projects Info

↺

Actions ▼

Create trigger

View details

Debug build

Start build ▼

→ **Create project**

Your projects ▼

< 1 >

⚙

	Name ▼	Source provider	Repository	Latest build status	Description	Last Modified
--	--------	-----------------	------------	---------------------	-------------	---------------

단계2: Project Name

Project name

test-lambda-build

A project name must be 2 to 255 characters. It can include the letters A-Z and a-z, the numbers 0-9, and the special characters - and _.

Project type

Select what type of project you would like to create. [Info](#) 



Default project

Create a custom CodeBuild project.



Runner project

Create a CodeBuild managed runner for workflows in GitHub Actions, GitHub Enterprise Actions, GitLab, or Buildkite.

▶ Additional configuration

Description, public build access, build badge, concurrent build limit, tags

단계3: GitHub

Source provider

GitHub

Credential

✔ Your account is successfully connected through OAuth using CodeBuild managed token. [Manage account credentials.](#)

☐ Use override credentials for this project only

Repository

☒ Repository in my GitHub account

☐ Public repository


☐ GitHub scoped webhook

🔍



Source version - *optional* [Info](#)

Enter a pull request, branch, commit ID, tag, or reference and a commit ID.

Webhook - *optional* [Info](#) 

☒ Rebuild every time a code change is pushed to this repository

Build type

☒ **Single build**
Triggers single build

☐ **Batch build**
Triggers multiple builds as single execution

► Webhook event filter groups

Add filter group

A build is triggered if any filter group evaluates to true, which occurs when all the filters in the group evaluate to true.

► Additional configuration

단계4: Image

Environment image

☒ **Managed image**
Use an image managed by AWS CodeBuild

☐ **Custom image**
Specify a Docker image

Running mode

☒ **Container**
Running on Docker container

☐ **Instance**
Running on EC2 instance directly

Operating system

Amazon Linux ▼

Runtime(s)

Standard ▼

Image

aws/codebuild/amazonlinux-x86_64-standard:5.0 ▼

Image version

Always use the latest image for this runtime version ▼

☐ Use GPU-enhanced compute

Service role



New service role

Create a service role in your account



Existing service role

Choose an existing service role from your account

Role name

codebuild-test-lambda-build-service-role

Type your service role name

► Additional configuration

Timeout, privileged, certificate, VPC, compute type, environment variables, file systems, auto-retry, registry credential

단계5: buildspec.yml

- buildspec-lambda.yml 파일이 위치하는 path 복사



- 복사한 path/buildspec-lambda.yml

▼ Buildspec

Build specifications

☐ Insert build commands
Store build commands as build project configuration

☒ Use a buildspec file
Store build commands in a YAML-formatted buildspec file

Buildspec name - *optional*
By default, CodeBuild looks for a file named buildspec.yml in the source code root directory. If your buildspec file uses a different name or location, enter its path from the source root here (for example, buildspec-two.yml or configuration/buildspec.yml).

lambda/3_lambda_with_sam/buildspec-lambda.yml ←

단계6: Create

▶ **Batch configuration**
You can run a group of builds as a single execution. Batch configuration is also available in advanced option when starting build.

▶ **Artifacts**

Add artifact

▶ **Logs**

Cancel

Create build project

단계7: 결과 확인

Developer Tools

CodeBuild

▶ Source • CodeCommit

▼ Build • CodeBuild

Getting started

Build projects

Build history

Report groups

Developer Tools > CodeBuild > Build projects

Build projects Info

⌂

Actions ▼

Create trigger

View details

Debug build

Start build ▼

Create project

test

×

1 match

Your projects ▼

< 1 >

⚙

	Name ▼	Source provider	Repository	Latest build status	Description	Last Modified
○	test-lambda-build	GitHub	good593/course_aws 🔗	-	-	Just now

단계8: build 접속

Developer Tools

CodeBuild

▶ Source • CodeCommit

▼ Build • CodeBuild

Getting started

Build projects

Build history

Report groups

Report history

Account metrics

Developer Tools > CodeBuild > Build projects

Build projects Info

⌂

Actions ▼

Create trigger

View details

Debug build

Start build ▼

Create project

Your projects ▼ < 1 > ⚙

	Name ▼	Source provider	Repository	Latest build status	Description	Last Modified
<input checked="" type="radio"/>	test-lambda-build	GitHub	good593/course_aws	✔ Succeeded	-	1 minute ago
<input type="radio"/>	Investment_crypto-build	GitHub	good593/Investment_crypto	✔ Succeeded	-	4 months ago

단계9: Service role 접속

Developer Tools

CodeBuild

▶ Source • CodeCommit

▼ Build • CodeBuild

Getting started

Build projects

Build project

Settings

Build history

Report groups

Report history

Account metrics

Developer Tools > CodeBuild > Build projects > test-lambda-build

test-lambda-build

Actions ▼ Create trigger Edit Clone Debug build Start build with overrides Start build

Configuration

Source provider	Primary repository	Artifacts upload location	Service role
GitHub	good593/course_aws	-	arn:aws:iam::426653742146:role/service-role/codebuild-test-lambda-build-service-role
Public builds			
Disabled			

Build history Batch history Project details Build triggers Metrics Debug sessions

단계10: Attach policies

AmazonS3FullAccess

▼ Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Root access management [New](#)

▼ Access reports

Access Analyzer

Archive rules

Analyzers

Settings

Credential report

Last activity
✓ 19 hours ago

Maximum session duration
1 hour

Permissions

Trust relationships

Tags

Last Accessed

Revoke sessions

Permissions policies (2) [Info](#)

You can attach up to 10 managed policies.



Simulate [↗](#)

Remove

Add permissions ▲

Attach policies

Create inline policy

< 1 >



Search

Filter by Type

All types ▼



Policy name [↗](#)



Type



Attached entities



AmazonS3FullAccess

AWS managed

6



CodeBuildBasePolicy-test-lambda-build-ap-northea...

Customer managed

1

CodePipeline

The screenshot displays the AWS Management Console interface. At the top, the 'aws' logo is on the left, followed by a 'Services' button and a search bar containing 'CodePipeline'. To the right of the search bar are icons for help, notifications, and settings, along with the region 'Asia Pacific (Seoul)'. Below the search bar, a dropdown menu shows search results for 'CodePipeline'. The 'Services' section is highlighted, showing 'CodePipeline' with a star icon and the description 'Release Software using Continuous Delivery'. A red arrow points to this result. Below the 'Services' section, the 'Resources' section is visible, featuring a link 'Introducing resource search'. On the left side of the console, a sidebar lists various services under 'Developer Tools', with 'CodePipeline' selected. The right side of the console shows a partial view of the 'CodePipeline' console page, including a 'Delete pipeline' button and a 'Create' button.

단계1: Create pipeline

Developer Tools

CodePipeline

▶ Source • CodeCommit

▶ Build • CodeBuild

▶ Deploy • CodeDeploy

▼ Pipeline • CodePipeline

Getting started

Pipelines

Account metrics

Developer Tools > CodePipeline > Pipelines

Pipelines Info

↺

View history

Release change

Delete pipeline

Create pipeline

< 1 > ⚙

	Name	Latest execution status	Latest source revisions	Latest execution started	Most recent executions
○	Investment_crypto-pipeline	✔ Succeeded	Source – 4830a7a8 [?] : elt 수 정	4 months ago	✔✔✔✔✔ View details

단계2: Choose creation option

Step 1

Choose creation option

Step 2

Choose pipeline settings

Step 3

Add source stage

Step 4

Add build stage

Step 5

Add test stage

Step 6

Choose creation option [Info](#)

Step 1 of 7

Category

☐ Deployment

☐ Continuous Integration

☐ Automation

☒ Build custom pipeline

Cancel

Next

단계3: Choose pipeline settings

Pipeline name

Enter the pipeline name. You cannot edit the pipeline name after it is created.

No more than 100 characters

Execution mode [Info](#)

Choose the execution mode for your pipeline. This determines how the pipeline is run.

- ☐ Superseded
- ☒ Queued
- ☐ Parallel

Service role



New service role

Create a service role in your account



Existing service role

Choose an existing service role from your account

Role name

AWSCodePipelineServiceRole-ap-northeast-2-test-lambda-pipe

Type your service role name



Allow AWS CodePipeline to create a service role so it can be used with this new pipeline

► Advanced settings

Configure artifact store location, encryption settings, and pipeline variables for your pipeline.

Cancel

Previous

Next

단계4: Add source stage

Source provider

This is where you stored your input artifacts for your pipeline. Choose the provider and then provide the connection details.

GitHub (via GitHub App) ▼

Connection

Choose an existing connection that you have already configured, or create a new one and then return to this task.

arn:aws:codeconnections:ap-northeast-2:426653742146:connection ✕



or

Connect to GitHub

Repository name

Choose a repository in your GitHub account.

good593/course_aws ✕

You can type or paste the group path to any project that the provided credentials can access. Use the format 'group/subgroup/project'.

Default branch

Default branch will be used only when pipeline execution starts from a different source or manually started.

main ✕

Output artifact format

Choose the output artifact format.




CodePipeline default

AWS CodePipeline uses the default zip format for artifacts in the pipeline. Does not include Git metadata about the repository.



Full clone

AWS CodePipeline passes metadata about the repository that allows subsequent actions to do a full Git clone. Only supported for AWS CodeBuild actions. [Learn more](#) 



Enable automatic retry on stage failure

Webhook events

Webhook - *optional*



Start your pipeline on push and pull request events.



Webhook event filters - *optional*

Starts your pipeline on a specific event.

Remove filters

Cancel

Previous

Next

단계5: Add build stage

Build provider

Choose the tool you want to use to run build commands and specify artifacts for your build action.

☐ Commands

☒ Other build providers

AWS CodeBuild ▼

Project name

Choose a build project that you have already created in the AWS CodeBuild console. Or create a build project in the AWS CodeBuild console and then return to this task.

test-lambda-build



or

Create project

☐ Define buildspec override - *optional*

Buildspec file or definition that overrides the latest one defined in the build project, for this build only.

Build type



Single build

Triggers a single build.



Batch build

Triggers multiple builds as a single execution.

Region

Asia Pacific (Seoul)



Input artifacts

Choose an input artifact for this action. [Learn more](#)

SourceArtifact

Defined by: Source



Enable automatic retry on stage failure

Cancel

Previous

Skip build stage

Next

단계6: (생략) Add test stage

Add test stage [Info](#)

Step 5 of 7

Test - optional

Test provider
Choose how you want to test your application or content. Choose the provider, and then provide the configuration details for that provider.

☒ Enable automatic retry on stage failure

CancelPreviousSkip test stageNext

단계7: Add deploy stage

Deploy provider

Choose how you want to deploy your application or content. Choose the provider, and then provide the configuration details for that provider.

AWS CloudFormation ▼

Region

Asia Pacific (Seoul) ▼

Input artifacts

Choose an input artifact for this action. [Learn more](#) 

▼

BuildArtifact ✕
Defined by: Build

No more than 100 characters

Action mode

When you update an existing stack, the update is permanent. When you use a change set, the result provides a diff of the updated stack and the original stack before you choose to execute the change.

Create or update a stack

▼

Stack name

If you are updating an existing stack, choose the stack name.

Q

test-lambda-stack

×

Template

Specify the template you uploaded to your source location.

Artifact name

BuildArtifact

▼

File name

outputtemplate.yml

Template file path

BuildArtifact::outputtem

Template configuration - optional

Specify the configuration file you uploaded to your source location.

☐ Use configuration file

Artifact name

▼

File name

Template configuration file path

Capabilities - *optional*

Specify whether you want to allow AWS CloudFormation to create IAM resources on your behalf.

CAPABILITY_IAM ✕

CAPABILITY_NAMED_IAM ✕

CAPABILITY_AUTO_EXPAND ✕

Role name

Output file name

File generated by this action

► Advanced

☒ Configure automatic rollback on stage failure

☐ Enable automatic retry on stage failure

Cancel

Previous

Skip deploy stage

Next

단계8: Create

TemplatePath

BuildArtifact::outputtemplate.yml

Capabilities

CAPABILITY_IAM,CAPABILITY_NAMED_IAM,CAPABILITY_AUTO_EXPAND

RoleArn

arn:aws:iam::426653742146:role/test-lambda-cloudformation-role

Configure automatic rollback on stage failure

Enabled

Enable automatic retry on stage failure

Disabled


Cancel

Previous

Create pipeline


결과 확인

단계1: CodePipeline





Success

Stage Deploy successfully retried



[Developer Tools](#) > [CodePipeline](#) > [Pipelines](#) > test-lambda-pipe

test-lambda-pipe



EditStop executionClone pipelineRelease change

Pipeline

Executions

Settings


Tags

Stage

✓

✓

✓



Source


2675b9ad-15f5-4e7d-b036-3d26ffead027

All actions succeeded.


Source

✓

GitHub (via GitHub App)



1 minute ago

4796dfca  Source: ing

Build


2675b9ad-15f5-4e7d-b036-3d26ffead027

All actions succeeded.


Build

✓

AWS CodeBuild



Just now

4796dfca  Source: ing

Deploy


2675b9ad-15f5-4e7d-b036-3d26ffead027

All actions succeeded.


Deploy

✓

AWS CloudFormation



Just now

4796dfca  Source: ing

단계2: Cloudformation

The screenshot shows the AWS Management Console interface. At the top, the search bar contains the text 'cloudformation', which is highlighted with a red rectangle. Below the search bar, the 'Services' section is displayed. A red arrow points to the 'CloudFormation' service card, which has a pink icon and the text 'CloudFormation Create and Manage Resources with Templates'. Below this, the 'Infrastructure Composer' service card is visible. To the left of the main content, there is a sidebar with a menu. The 'CloudFormation' link is highlighted in blue. Below it, there are links for 'Stacks', 'StackSets', 'Exports', 'Infrastructure', and 'IaC generator'. The 'Features' section is also visible, showing the 'IaC Generator' as a 'CloudFormation feature'. On the right side of the console, there is a table with columns for 'ID', 'Status', and 'Description'. The table contains two rows of data. The first row has an ID of 'i-0900', a status of 'Active', and a description of 'Lambda Sample Temp'. The second row has an ID of 'i-0900', a status of 'Active', and a description of 'investment-crypto https://docs.aws.amazon.com/UserGuide/aws-res'.

aws | IAM | EC2 | CloudFormation

cloudformation

Services

- CloudFormation Create and Manage Resources with Templates
- Infrastructure Composer Visually design and build modern applications quickly

Features

- IaC Generator CloudFormation feature

CloudFormation

- Features
- Resources **New**
- Documentation
- Knowledge articles
- Marketplace
- Blog posts
- Events
- Tutorials

Stacks

- StackSets
- Exports

Infrastructure

- IaC generator

Actions

- Delete
- Update

Filter status

Active

Description

i-0900	Lambda Sample Temp
i-0900	investment-crypto https://docs.aws.amazon.com/UserGuide/aws-res

☰

CloudFormation > Stacks

CloudFormation <

Stacks

StackSets

Exports

Infrastructure Composer

laC generator

Stacks (2)

🔄

Delete

Update


Stack actions ▼

🔍 Filter by stack name

Filter status

Active ▼

☒ View nested

Stack name	Status	Created time	Description
 test-lambda-stack	✅ CREATE_COMPLETE	2025-04-16 17:34:41 UTC+0900	Lambda Sample Template
<input type="radio"/> Investment-crypto-stack	✅ UPDATE_COMPLETE	2024-12-21 08:14:48 UTC+0900	investment-crypto https://docs.aws.amazon.com/ko_kr/AWSCoreUserGuide/aws-resource-lambda-function

CloudFormation

Stacks

Stack details

Drifts

StackSets

Exports

Infrastructure Composer

laC generator

Hooks overview

Hooks

Registry

Stacks (2)

Filter by stack name

Filter status

Active

View nested

Stacks

test-lambda-stack

2025-04-16 17:34:41 UTC+0900

CREATE_COMPLETE

Investment-crypto-stack

2024-12-21 08:14:48 UTC+0900

UPDATE_COMPLETE

test-lambda-stack

Delete

Update

Stack actions

Create stack

Stack info

Events

Resources

Outputs

Parameters

Template

Change sets

Git sync

Table view

Timeline view

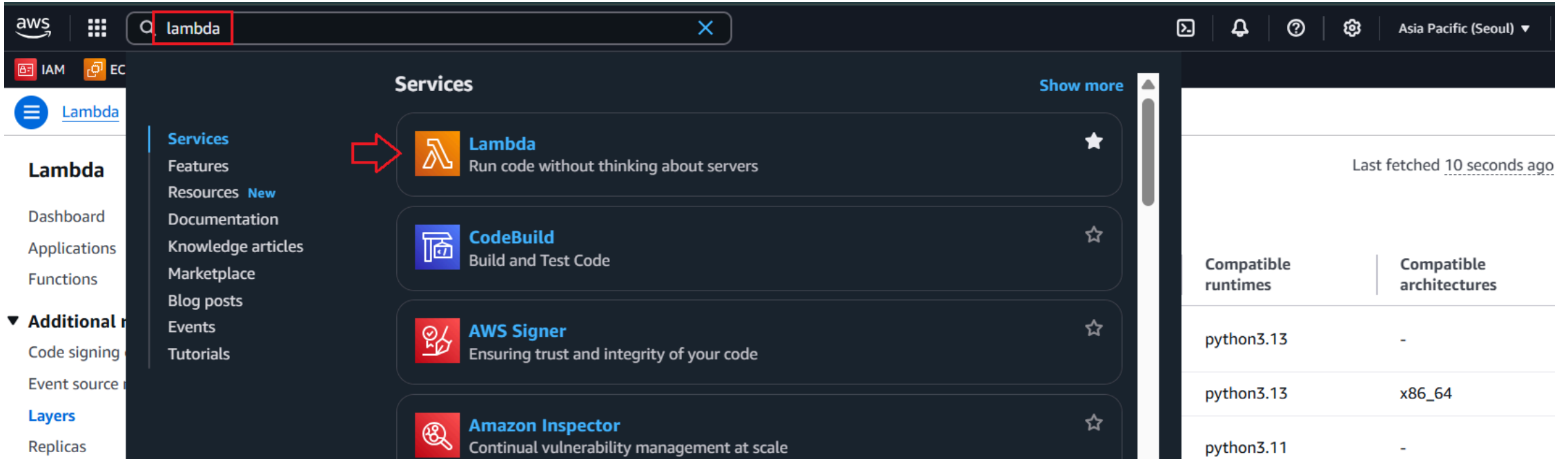
Events (21)

View root cause

Search events

Timestamp	Logical ID	Status	Detailed status	Status re
2025-04-16 17:35:23 UTC+0900	test-lambda-stack	CREATE_COMPLETE	-	-
2025-04-16 17:35:22 UTC+0900	LambdaPolicy	CREATE_COMPLETE	-	-

단계3: Lambda Layer



The screenshot shows the AWS Management Console interface. At the top, the search bar contains the text "lambda". Below the search bar, the "Services" section is visible, with a red arrow pointing to the "Lambda" service card. The left sidebar shows the "Lambda" section selected. The right pane displays a table of compatible runtimes and architectures for Lambda layers.

Compatible runtimes	Compatible architectures
python3.13	-
python3.13	x86_64
python3.11	-

Lambda

Dashboard

Applications

Functions

▼ Additional resources

Code signing configurations

Event source mappings

Layers

Replicas

▼ Related AWS resources

Step Functions state machines



Layers (4)

Last fetched 50 seconds ago

🔍 Filter by attributes or search by keyword

Name ▼	Version	Description ▼	Compatible runtimes	Compatible architectures
Tutorial-test-lambda-shared-layer	3	Provides the base backend shared library and dependencies	python3.13	-
common_python	1	-	python3.13	x86_64
investment-CRYPTO_UPBIT-shared-layer	5	Provides the base backend shared library and dependencies	python3.11	-
investment-common-shared-layer	7	Provides the base backend shared library and dependencies	python3.11	-



단계4: Lambda

Lambda



Dashboard

Applications

Functions

▼ Additional resources

Code signing configurations

Event source mappings

Layers

Replicas

▼ Related AWS resources

Step Functions state machines

Functions (5)

Last fetched 30 seconds ago

Filter by attributes or search by keyword

<input type="checkbox"/>	Function name	Description	Package type	Runtime
<input type="checkbox"/>	investment-CRYPTO_UPBIT-etl-lambda	-	Zip	Python 3.11
<input type="checkbox"/>	FirstLambda	-	Zip	Python 3.13
<input type="checkbox"/>	SuccessLambda	-	Zip	Python 3.13
<input type="checkbox"/>	investment-slack-alarm-lambda	-	Zip	Python 3.11
	Tutorial-test-lambda	-	Zip	Python 3.13

Code source [Info](#)

≡

EXPLORER

...

▼ TUTORIAL-TEST-LAMBDA

app.py

requirements.txt

▼ DEPLOY

Deploy (Ctrl+Shift+U)

Test (Ctrl+Shift+I)

← →

Tutorial-test-lambda

app.py

app.py

```
1 import logging
2 logger = logging.getLogger()
3 logger.setLevel(logging.INFO)
4
5 import warnings
6 warnings.filterwarnings(action='ignore')
7
8 import json
9 import pandas as pd
10 from common.aws_s3 import mk_path_csv_of_s3, upload_csv_to_s3
11
12 def lambda_handler(event:dict, context:str) -> None:
13     logging.info("lambda_handler START")
14     path_csv = mk_path_csv_of_s3("lambda_test")
15     path_csv = "raw/"+path_csv
16     bucket_name = "lambda-good593"
17
```

Runtime settings [Info](#)

Edit

Edit runtime management configuration

Runtime
Python 3.13

Handler [Info](#)
app.lambda_handler

Architecture [Info](#)
x86_64

► Runtime management configuration

Layers [Info](#)

Edit

Add a layer

Merge order	Name	Layer version	Compatible runtimes	Compatible architectures	Version ARN
1	Tutorial-test-lambda-shared-layer	3	python3.13	-	arn:aws:lambda:ap-northeast-2:426653742146:layer:Tutorial-test-lambda-shared-layer:3

단계5: Lambda 테스트

[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.

Test event action

☒ Create new event

☐ Edit saved event

Event name

test

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

✓ The test event "test" was successfully saved.



Code

Test

Monitor

Configuration

Aliases

Versions

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

test



Event JSON

Format JSON

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



✓ 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

test



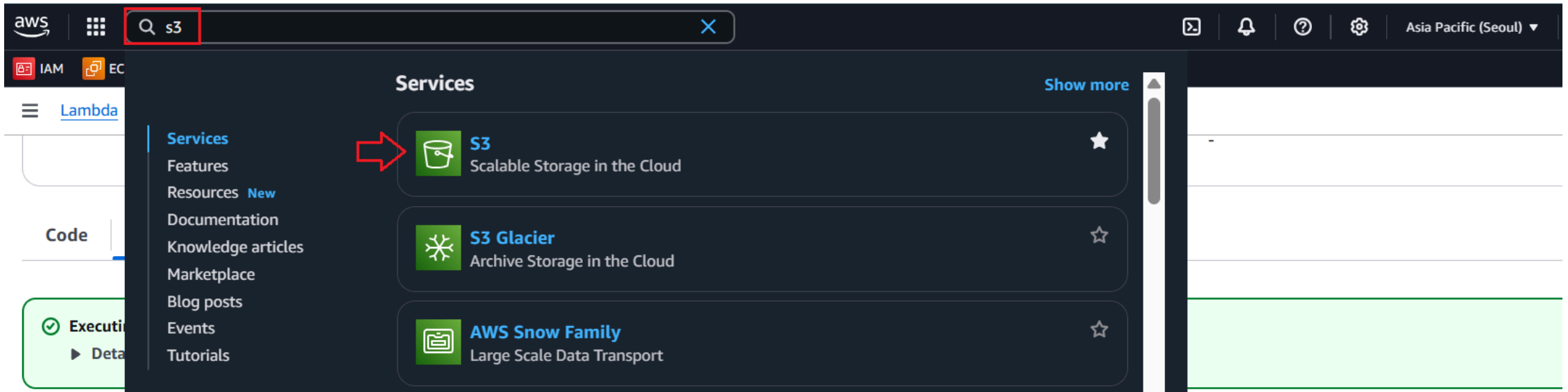
Event JSON

Format JSON

```
1 {  
2   "key1": "value1",  
3   "key2": "value2".
```



단계6: S3 데이터 확인



Amazon S3

General purpose buckets

Directory buckets

Table buckets

Access Grants

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

► Account snapshot - *updated every 24 hours*

All AWS Regions

[View Storage Lens dashboard](#)

Storage lens provides visibility into storage usage and activity trends. Metrics don't include directory buckets. [Learn more](#)

General purpose buckets

Directory buckets

General purpose buckets (4)

[Info](#)

All AWS Regions



[Copy ARN](#)

Empty

Delete

Create bucket

Buckets are containers for data stored in S3.

Q lambda



1 match

< 1 >



Name



AWS Region



IAM Access Analyzer

Creation date



[lambda-good593](#)

Asia Pacific (Seoul) ap-northeast-2

[View analyzer for ap-northeast-2](#)

April 14, 2025, 12:21:30 (UTC+09:00)

Amazon S3

General purpose buckets

Directory buckets

Table buckets

Access Grants

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for

minute=55/

Copy S3 URI

Objects

Properties

Objects (1)

 Copy S3 URI

Copy URL

Download

Open

Delete

Actions ▼


Create folder

Upload

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Find objects by prefix

< 1 >

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	 lambda_test-352871.csv	csv	April 16, 2025, 17:55:46 (UTC+09:00)	36.0 B	Standard