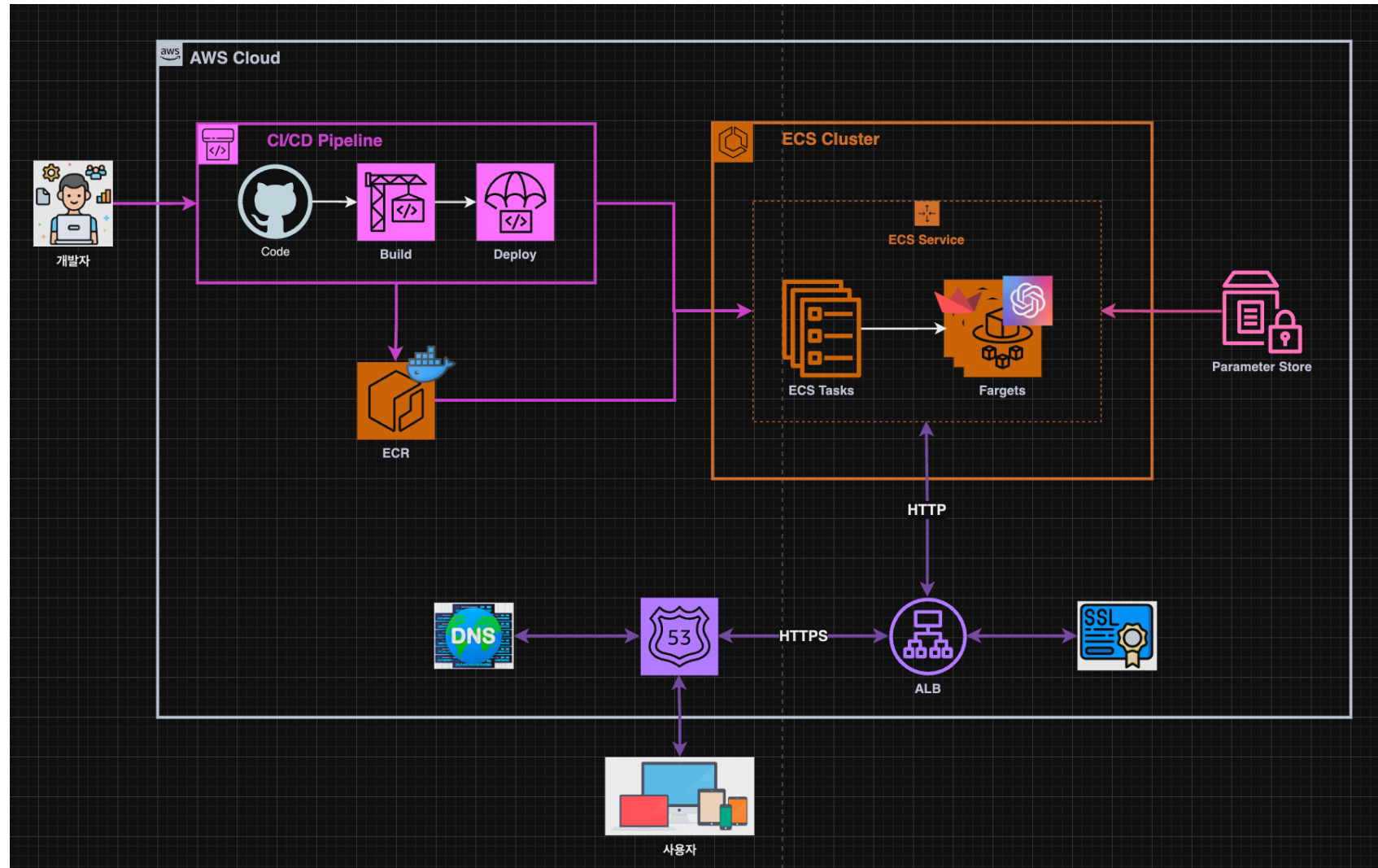


Architecture



Amazon Elastic Container Service

- Amazon Elastic Container Service(ECS)는 컨테이너화된 애플리케이션이 더 효율적으로 배포하고 관리하고 규모를 조정하는 데 도움이 되는 완전관리형 컨테이너 오케스트레이션 서비스입니다.



Developers

Describe your application and the resources it needs, then let Amazon ECS do the rest.



Operators

Create custom scaling and capacity rules. Observe and query telemetry and logs from running applications.



Configuration



Elastic Load Balancing



AWS Secrets Manager



Amazon Elastic File System

Automated integrations with other AWS services



AWS Fargate



Amazon EC2 (Graviton; Intel)



Amazon ECS Anywhere



AWS Outposts



AWS Local Zones



AWS Wavelength

Flexible compute options



Amazon Elastic Container Registry

Build and store container images using Amazon ECR or another container registry

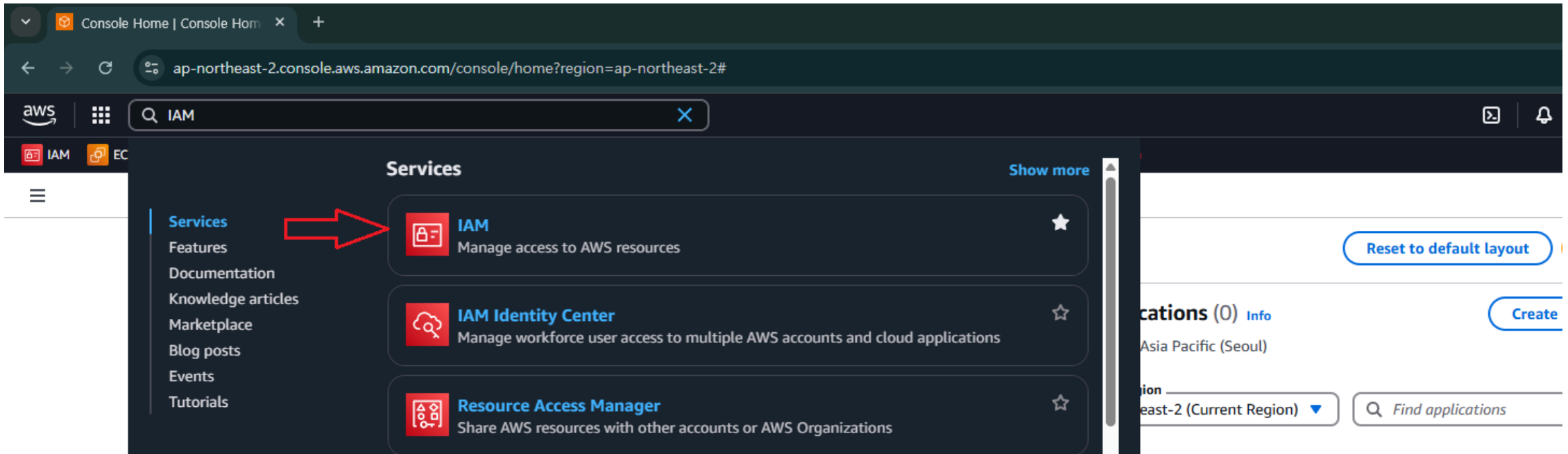
Deployments and scaling

Application telemetry

escTaskServiceRole 생성

- ECS Task에서 Parameter Store에 접속 및 조회 권한 추가

단계1: IAM 접속



단계2: Create Role

Identity and Access Management (IAM)

Search IAM

Dashboard

▼ Access management

User groups

Users

Roles

Policies

Roles (15) [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

Refresh

Retire

Create role

< 1 > ⚙

<input type="checkbox"/>	Role name	Trusted entities	Last activity
<input type="checkbox"/>	AWSCodePipelineServiceRole-ap-northeast-2-Investment_crypto-pip	AWS Service: codepipeline	108 days ago
<input type="checkbox"/>	AWSServiceRoleForAPIGateway	AWS Service: ops.apigateway (Service)	-
<input type="checkbox"/>	AWSServiceRoleForAwsUserNotifications	AWS Service: notifications (Service-L	-
<input type="checkbox"/>	AWSServiceRoleForCostOptimizationHub	AWS Service: cost-optimization-hub	1 hour ago
<input type="checkbox"/>	AWSServiceRoleForRDS	AWS Service: rds (Service-Linked Rol	29 minutes ago

단계3: Trusted entity type

Select trusted entity [Info](#)

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.

단계4: Use case

Use case

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

Service or use case

Elastic Container Service

Choose a use case for the specified service.

Use case

- ☐ Elastic Container Service
Allows ECS to create and manage AWS resources on your behalf.
- ☐ Elastic Container Service Autoscale
Allows Auto Scaling to access and update ECS services.
- ☒ Elastic Container Service Task
Allows ECS tasks to call AWS services on your behalf.
- ☐ EC2 Role for Elastic Container Service
Allows EC2 instances in an ECS cluster to access ECS.
- ☐ Elastic Container Service for VPC Lattice
Allows access to create and manage AWS service resources required to manage VPC Lattice feature in ECS workloads

Cancel  Next


단계5: Add AmazonSSMReadOnlyAccess

Add permissions [Info](#)

Permissions policies (1/1044) [Info](#)

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

✕ **Filter by Type** All types 1 match < 1 > ⚙️

<input checked="" type="checkbox"/>	Policy name ↗	Type	Description
<input checked="" type="checkbox"/>	 AmazonSSMReadOnlyAccess	AWS managed	Provides read only access to Amazon S...

► Set permissions boundary - optional

Cancel

Previous

Next

단계6: Role details

- Role Name

escTaskServiceRole

Name, review, and create

Role details

Role name

Enter a meaningful name to identify this role.

escTaskServiceRole

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

Description

Add a short explanation for this role.

Allows ECS tasks to call AWS services 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: _+=, @- / [() ! # \$ % ^ * () ; ' " `

단계7: Create

Step 2: Add permissions

[Edit](#)

Permissions policy summary

Policy name 	Type	Attached as
AmazonSSMReadOnlyAccess	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.

[Cancel](#)[Previous](#)[Create role](#)

- 생성된 Role 확인

Identity and Access Management (IAM)

Search IAM

Dashboard

▼ Access management

User groups

Users

Roles

Policies

Identity providers

Role escTaskServiceRole created.

View role

×

Roles (16) 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.

escTaskServiceRole 1 match

◀ 1 ▶

⚙

<input type="checkbox"/>	Role name	Trusted entities	Last activity
<input type="checkbox"/>	escTaskServiceRole	AWS Service: ecs-tasks	-

Roles Anywhere Info

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

🖨

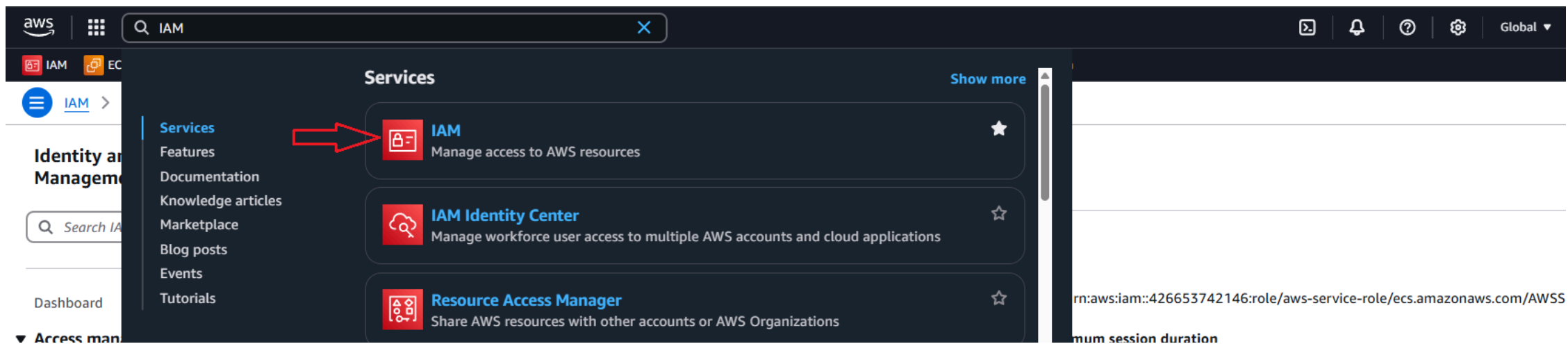
🔊

🔑

Manage

Cluster

단계1: IAM 접속



단계2: AWSServiceRoleForECS 유무 확인

The screenshot shows the AWS IAM console interface. At the top, there's a navigation bar with various AWS services. Below it, the left sidebar shows the 'Identity and Access Management (IAM)' section with a search bar and a list of sub-sections: Dashboard, Access management (expanded), User groups, Users, Roles (selected), Policies, and Identity providers. The main content area is titled 'Roles (16)' with an 'Info' link. Below the title, there's a description: '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.' A search bar contains the text 'AWSServiceRoleForECS' and shows '0 matches'. To the right of the search bar are buttons for 'Delete' and 'Create role'. Below the search bar, there's a table header with columns: Role name, Trusted entities, and Last activity. The table body shows 'No matches' and a 'Clear filters' button. At the bottom, there's a section titled 'Roles Anywhere' with an 'Info' link and a 'Manage' button. The description for 'Roles Anywhere' is 'Authenticate your non AWS workloads and securely provide access to AWS services.'

Identity and Access Management (IAM)

Search IAM

Dashboard

▼ Access management

- User groups
- Users
- Roles**
- Policies
- Identity providers

Roles (16) [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: AWSServiceRoleForECS 0 matches

Buttons: Delete, Create role

Role name	Trusted entities	Last activity
No matches		

Clear filters

Roles Anywhere [Info](#) [Manage](#)

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

- 만약 조회가 안된다면, 실행

```
aws iam create-service-linked-role --aws-service-name ecs.amazonaws.com
```

```
Windows PowerShell
PS C:\Users\good593> aws iam create-service-linked-role --aws-service-name ecs.amazonaws.com
{
  "Role": {
    "Path": "/aws-service-role/ecs.amazonaws.com/",
    "RoleName": "AWSServiceRoleForECS",
    "RoleId": "AROAWGVULORBI47D3APPR",
    "Arn": "arn:aws:iam::426653742146:role/aws-service-role/ecs.amazonaws.com/AWSServiceRoleForECS",
    "CreateDate": "2025-04-13T06:51:59+00:00",
    "AssumeRolePolicyDocument": {
      "Version": "2012-10-17",
      "Statement": [
        {
          "Action": [
            "sts:AssumeRole"
          ],
          "Effect": "Allow",
          "Principal": {
            "Service": [
              "ecs.amazonaws.com"
            ]
          }
        }
      ]
    }
  }
}
```

PS C:\Users\good593>

Windows
[설정]의

- IAM에서 AWSServiceRoleForECS 생성 확인

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups
Users
Roles
Policies
Identity providers
Account settings
Root access management New

Access reports

Access Analyzer
Archive rules
Analyzers

AWSServiceRoleForECS Info

Delete

Summary

Creation date

April 13, 2025, 15:51 (UTC+09:00)

Last activity

-

ARN

arn:aws:iam::426653742146:role/aws-service-role/ecs.amazonaws.com/AWSServiceRoleForECS

Maximum session duration

1 hour

Permissions

Trust relationships

Tags

Last Accessed

Permissions policies (1) Info

Search

Filter by Type

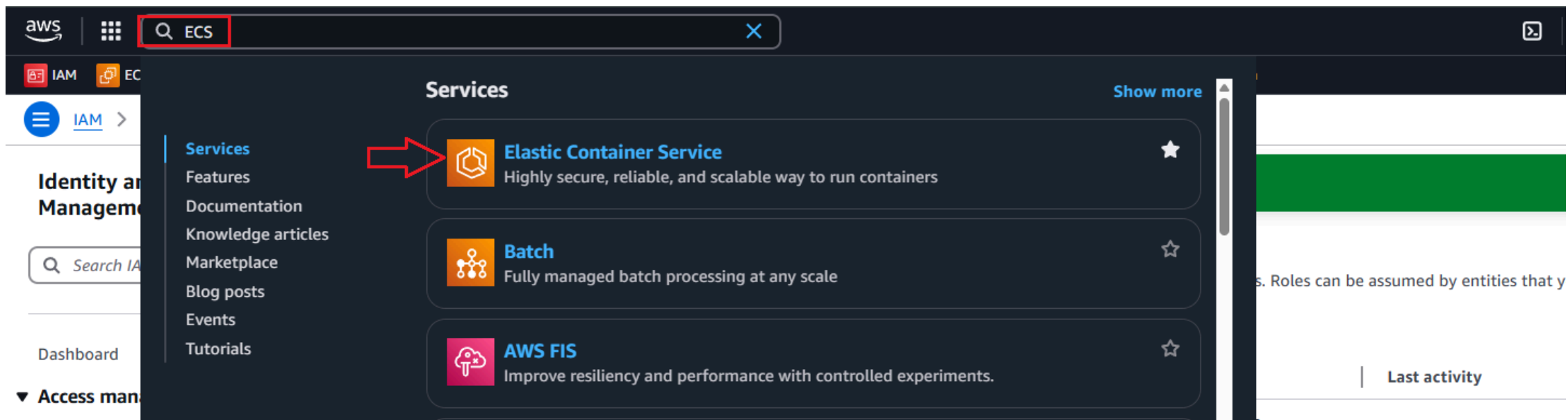
All types

< 1 >

⚙️

<input type="checkbox"/>	Policy name 🔗	▲ Type	▼ Attached entities	▼
<input type="checkbox"/>	🔗 📦 AmazonECSServiceRolePolicy	AWS managed		1

단계3: ECS 접속



단계4: Create cluster

The screenshot displays the AWS Management Console interface for the Amazon Elastic Container Service (ECS) Clusters page. The top navigation bar shows the AWS logo, a search bar, and the current region (Asia Pacific (Seoul)) and user (admin @ 4266-5374-2146). The left sidebar contains the 'Amazon Elastic Container Service' menu, with 'Clusters' highlighted by a red box. The main content area shows the 'Clusters (0)' section, with a search bar and a table header. The table header includes columns for 'Cluster', 'Services', 'Tasks', 'Container instances', 'CloudWatch monitoring', and 'Capacity provider strategy'. The main content area displays 'No clusters' and 'No clusters to display'. A red box and a red arrow point to the 'Create cluster' button in the top right corner. The 'Last updated' timestamp is 'April 13, 2025 at 15:19 (UTC+9:00)'.

aws | Search [Alt+S] | Asia Pacific (Seoul) | admin @ 4266-5374-2146

IAM | EC2 | VPC | S3 | EMR | Elastic Container Service | CodePipeline | Aurora and RDS | CloudWatch | Amazon EventBridge | Lambda

Amazon Elastic Container Service > Clusters

Amazon Elastic Container Service <

Clusters

Namespaces

Task definitions

Account settings

Clusters (0) Info

Search clusters

Cluster | Services | Tasks | Container instances | CloudWatch monitoring | Capacity provider strategy

No clusters

No clusters to display

Last updated April 13, 2025 at 15:19 (UTC+9:00)

Create cluster

단계5: Create cluster > Cluster configuration

ecs-streamlit-cluster

Create cluster [Info](#)

An Amazon ECS cluster groups together tasks, and services, and allows for shared capacity and common configurations. All of your tasks, services, and capacity must belong to a cluster.

Cluster configuration

Cluster name

ecs-streamlit-cluster

Cluster name must be 1 to 255 characters. Valid characters are a-z, A-Z, 0-9, hyphens (-), and underscores (_).

► Service Connect defaults - *optional*

단계6: Create cluster > Infrastructure

▼ Infrastructure - *optional* [Info](#)

Your cluster is automatically configured for AWS Fargate (serverless) with two capacity providers. Add Amazon EC2 instances.

☒ AWS Fargate (serverless)

Pay as you go. Use if you have tiny, batch, or burst workloads or for zero maintenance overhead. The cluster has Fargate and Fargate Spot capacity providers by default.

☐ Amazon EC2 instances

Manual configurations. Use for large workloads with consistent resource demands.

[i](#) External instances using **ECS Anywhere** can be registered after cluster creation is complete.

단계7: Create cluster > Create

- AWS KMS를 사용하는 경우에 세팅(이번 강의에서는 생략)

▶ **Monitoring - optional** [Info](#)

CloudWatch Container Insights is a monitoring and troubleshooting solution for containerized applications and microservices.

▶ **Encryption - optional**

Choose the KMS keys used by tasks running in this cluster to encrypt your storage.

▶ **Tags - optional** [Info](#)

Tags help you to identify and organize your clusters.



- 생성 확인

Amazon Elastic Container Service

Clusters

Namespaces

Task definitions

Account settings

Install AWS Copilot

Cluster ecs-streamlit-cluster has been created successfully.

View cluster

Clusters (1)

Info

Last updated April 13, 2025 at 15:57 (UTC+9:00)

Create cluster

Search clusters

Cluster	Services	Tasks	Container instances	CloudWatch monitoring	Capacity provider strategy
ecs-streamlit-cluster	0	No tasks running	0 EC2	Default	No default found

Task definitions

단계1: Create new task definition

Amazon Elastic Container Service > Task definitions

Task definitions (0) [Info](#)

Filter task definitions

Filter by status: Active

Task definition | Status of last revision

No task definitions
No task definitions to display.

Create new task definition

Deploy Create new revision Create new task definition

Create new task definition
Create new task definition with JSON

단계2: Task definition configuration

ecs-streamlit-task

Create new task definition [Info](#)

Task definition configuration

Task definition family [Info](#)

Specify a unique task definition family name.

ecs-streamlit-task

Up to 255 letters (uppercase and lowercase), numbers, hyphens, and underscores are allowed.

단계3: Infrastructure requirements

Launch type | [Info](#)

Selection of the launch type will change task definition parameters.

☒ **AWS Fargate**
Serverless compute for containers.

☐ **Amazon EC2 instances**
Self-managed infrastructure using Amazon EC2 instances.

OS, Architecture, Network mode

Network mode is used for tasks and is dependent on the compute type selected.

Operating system/Architecture | [Info](#)

Linux/X86_64 ▼

Network mode | [Info](#)

awsvpc ▼

Task size | [Info](#)

Specify the amount of CPU and memory to reserve for your task.

CPU


1 vCPU ▼

Memory

2 GB ▼

- Task roles

Task role | [Info](#)

A task IAM role allows containers in the task to make API requests to AWS services. You can create a task IAM role from the [IAM console](#) .


escTaskServiceRole ▼

Task execution role | [Info](#)

A task execution IAM role is used by the container agent to make AWS API requests on your behalf. If you don't already have a task execution IAM role created, we can cre

Create new role ▼

▼ **Task placement - optional**

 Task placement constraints are not supported for AWS Fargate launch type.

► **Fault injection - optional**

단계4: Container

- Container Name: `buildspec.yml` 에 정의된 이름 작성!

```
version: 0.2
env:
  git-credential-helper: 'yes'
  variables:
    # docker 파라미터 정의
    ECS_CONTAINER_NAME: ecs-streamlit-container
    ...
```

▼ Container - 1 [Info](#)

Container details

Specify a name, container image, and whether the container should be marked as essential. Each task definition must have at least one essential container.

Name

ecs-streamlit-container


Up to 255 letters (uppercase and lowercase), numbers, hyphens, and underscores are allowed.

Image URI

repository-uri/image:tag

Up to 255 letters (uppercase and lowercase), numbers, hyphens, underscores, colons, periods, forward slashes, and number signs are allowed.

- AWS ECR 접속 > URI 복사

 [Amazon ECR](#) > [Private registry](#) > [Repositories](#)

Amazon Elastic Container Registry

▼ Private registry

[Repositories](#)



Features & Settings

▼ Public registry

Repositories

Settings

Private repositories (1)

	Repository name	URI
	ecs-streamlit-ecr	 426653742146.dkr.ecr.ap-northeast-2.amazonaws.com/ecs-streamlit-ecr

- AWS ECS Container > Image URI에 복사한 ECR URI 붙여넣기

▼ Container - 1 [Info](#)

Essential container

Container details
Specify a name, container image, and whether the container should be marked as essential. Each task definition must have at least one essential container.

Name	Image URI	Essential container
<input type="text" value="ecs-streamlit-container"/> <small>Up to 255 letters (uppercase and lowercase), numbers, hyphens, and underscores are allowed.</small>	<input type="text" value="426653742146.dkr.ecr.ap-northeast-2.amazonaws.com/ecs-streamlit-ecr"/> <small>Up to 255 letters (uppercase and lowercase), numbers, hyphens, underscores, colons, periods, forward slashes, and number signs are allowed.</small>	<input type="text" value="Yes"/>

Private registry [Info](#)
Store credentials in Secrets Manager, and then use the credentials to reference images in private registries.

☐ Private registry authentication

- AWS ECS Container > Port mappings
 - Dockerfile에서 8501 port로 정의되어 있음.

Port mappings | [Info](#)
Add port mappings to allow the container to access ports on the host to send or receive traffic. For port name, a default will be assigned if left blank.

Container port	Protocol	Port name	App protocol	
<input type="text" value="8501"/>	<input type="text" value="TCP"/>	<input type="text" value="streamlit-port"/>	<input type="text" value="HTTP"/>	<button>Remove</button>

Add port mapping

Read only root file system | [Info](#)
When this parameter is turned on, the container is given read-only access to its root file system.

☐ Read only

Resource allocation limits - conditional | [Info](#)
Container-level CPU, GPU, and memory limits are different from task-level values. They define how much resources are allocated for the container. If container attempts to exceed the memory specified in hard limit, 1

CPU	GPU	Memory hard limit	Memory soft limit
<input type="text" value="1"/> in vCPU	<input type="text" value="1"/>	<input type="text" value="3"/> in GB	<input type="text" value="1"/> in GB

- AWS ECS Container > HealthCheck

```
CMD-SHELL, curl -f http://localhost:8501/_stcore/health || exit 1
```

▼ HealthCheck - *optional*

HealthCheck | [Info](#)

Command

Enter a comma separated list of commands that the container runs to determine if it is healthy. The list will automatically be converted into a string array in the task definition's JSON file.

Interval

The time period in seconds between each health check validation. The valid values are between 5 and 300. The default value is 30.

seconds

Timeout

The time period in seconds to wait for a health check to succeed before it is considered a failure. The valid values are between 2 and 60. The default value is 5.

단계5: Create

▶ **Storage - optional**

▶ **Monitoring - optional**

Configure your application trace and metric collection settings using the AWS Distro for OpenTelemetry integration.

▶ **Tags - optional** [Info](#)

Tags help you to identify and organize your task definitions.

[Cancel](#) [Create](#)

- 결과 확인

Amazon Elastic Container Service

Task definitions

Amazon Elastic Container Service

Clusters

Namespaces

Task definitions

Account settings

Install AWS Copilot

Task definition successfully created

ecs-streamlit-task:6 has been successfully created. You can use this task definition to deploy a service or run a task.

Task definitions (1)

Info

Last updated April 13, 2025 at 16:13 (UTC+9:00)

Deploy

Create new revision

Filter task definitions


Filter by status

Active

Task definition	Status of last revision
<div><div></div><div>ecs-streamlit-task</div></div>	<div><div></div><div>ACTIVE</div></div>

Service

단계1: cluster 선택

 [Amazon Elastic Container Service](#) > Clusters

Amazon Elastic Container Service

Clusters

Namespaces

Task definitions

Account settings

<


Clusters (1) [Info](#)

Cluster	Services	Tasks	Container instances
ecs-streamlit-cluster	0	No tasks running	0 EC2

단계2: Service Create


[Services](#) | [Tasks](#) | [Infrastructure](#) | [Metrics](#) | [Scheduled tasks](#) | [Configuration](#) | [Tags](#)

Services (0) [Info](#)

 [Manage tags](#) [Update](#) [Delete service](#) [Create](#)

Filter launch type
Any launch type ▼

Filter service type
Any service type ▼

< 1 > 

<input type="checkbox"/>	Service name ▲	ARN	Status ▼	Service ... ▼	Created at ▼	Deployments and tasks ▼	Last deployment ▼
No services No services to display.							

Create

단계3: Compute configuration

Compute options | [Info](#)

To ensure task distribution across your compute types, use appropriate compute options.

☐ Capacity provider strategy
Specify a launch strategy to distribute your tasks across one or more capacity providers.

☒ Launch type
Launch tasks directly without the use of a capacity provider strategy.

Launch type | [Info](#)

Select either managed capacity (Fargate), or custom capacity (EC2 or user-managed, External instances). External instances are registered to your cluster using the ECS Anywhere capability.

FARGATE ▼

Platform version | [Info](#)

Specify the platform version on which to run your service.

LATEST ▼

단계4: Deployment configuration

ecs-streamlit-service

Task definition family

Select an existing task definition family. To create a new task definition, go to [Task definitions](#).

ecs-streamlit-task



Task definition revision

Select the task definition revision from the 100 most recent entries, or enter a revision. Leave the field blank to use the latest revision.

6



Service name

Assign a service name that is unique for this cluster.

ecs-streamlit-service

Up to 255 letters (uppercase and lowercase), numbers, underscores, and hyphens are allowed. Service names must be unique within a cluster.

- **Desired tasks** : 정의된 숫자만큼 instance(django server) 유지

Service type | [Info](#)

Specify the service type that the service scheduler will follow.



Replica

Place and maintain a desired number of tasks across your cluster.



Daemon

Place and maintain one copy of your task on each container instance.

Desired tasks

Specify the number of tasks to launch.

1

Availability Zone rebalancing | [Info](#)



Turn on Availability Zone rebalancing

Amazon ECS automatically detects Availability Zone imbalances in task distributions across an ECS service, and evenly redistributes ECS service tasks across Availability Zones.

Health check grace period | [Info](#)

0

seconds

단계5: Create

▶ **Volume - optional** [Info](#)

Configure a data volume to provide additional storage for the containers in the task.

▶ **Tags - optional** [Info](#)

Tags help you to identify and organize your resources.

[Cancel](#)  [Create](#)

- 생성된 결과 확인

Services

Tasks

Infrastructure

Metrics

Scheduled tasks

Configuration

Tags

Services (1) [Info](#)

Filter services by value

Filter launch type

Any launch type

Filter service type

Any service type

Manage tags

Update

Delete service

Create

Service name

ARN

Status

Service ...

Created at

Deployments and tasks

Last deployment

Task de...

Launch type

[ecs-streamlit-service](#)

arn:aws:ecs:ap-r

Active

REPLICA

3 minutes ago

1/1 Tasks running

Completed

[View](#)

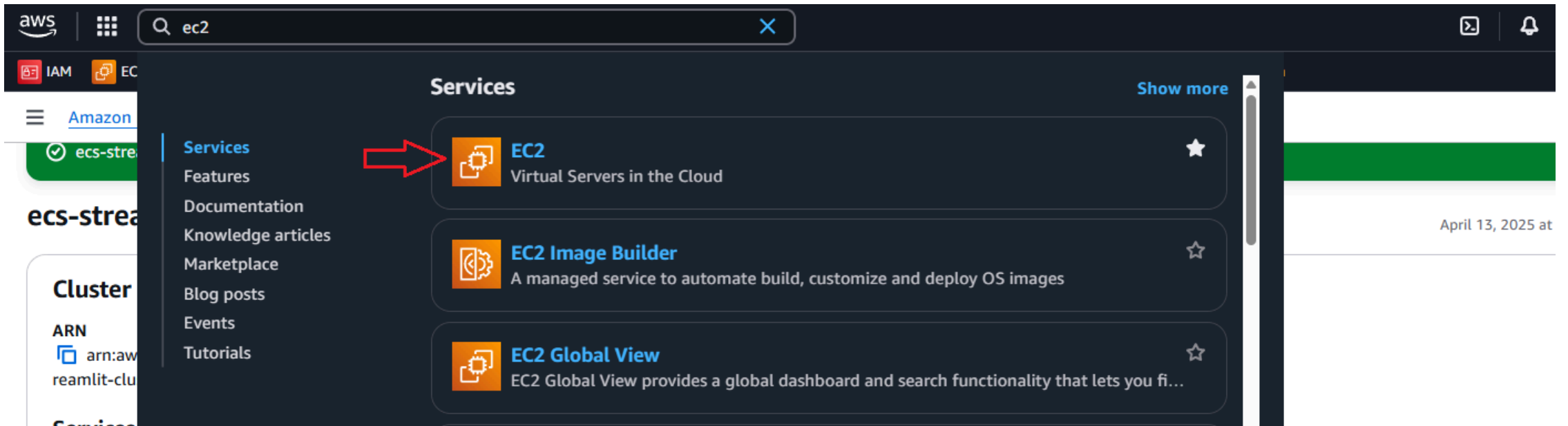
ecs-stream...

FARGATE

43

ECS > streamlit servier 접속

단계1: EC2 접속



단계2: Edit inbound rules

The screenshot shows the AWS Management Console interface for Security Groups. On the left, the 'EC2' sidebar is visible with 'Security Groups' highlighted under 'Network & Security'. The main content area shows a list of security groups with one selected. Below the list, the 'Inbound rules' tab is active for the selected security group. A red box highlights the 'Edit inbound rules' button in the top right corner of the 'Inbound rules' section.

Security Groups (1/1) Info

Find resources by attribute or tag

<input checked="" type="checkbox"/>	Name	Security group ID	Security group name	VPC ID	Description	Owner
<input checked="" type="checkbox"/>	-	sg-0b8eb5ef628718991	default	vpc-0e092393ffbd671b9	default VPC security group	426i

sg-0b8eb5ef628718991 - default

Details **Inbound rules** Outbound rules Sharing - new VPC associations - new Tags

Inbound rules (3)


Search


Manage tags **Edit inbound rules**

단계3: add streamlit port

8501

Inbound rules [Info](#)

Security group rule ID	Type Info	Protocol Info	Port range Info	Source Info	Description - optional Info		
sgr-017775408d286469d	SSH ▼	TCP	22	Custom ▼	<input type="text" value="Q"/>	<input type="text" value="0.0.0.0/0 X"/>	<input type="button" value="Delete"/>
sgr-0dc3c36990aa6c4ba	All traffic ▼	All	All	Custom ▼	<input type="text" value="Q"/>	<input type="text" value="sg-0b8eb5ef628718991 X"/>	<input type="button" value="Delete"/>
-	 Custom TCP ▼	TCP	8501	Anywh... ▼	<input type="text" value="Q 0.0.0.0/0"/>	<input type="text" value="streamlit service"/>	<input type="button" value="Delete"/>



⚠ Rules with source of 0.0.0.0/0 or ::/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

Cancel

Preview changes

Save rules

- 결과 확인

EC2

Dashboard
EC2 Global View
Events
Instances
Images
Elastic Block Store
Network & Security
Security Groups
Elastic IPs
Placement Groups
Key Pairs
Network Interfaces
Load Balancing
Load Balancers
Target Groups
Trust Stores

Security Groups (1/1) Info

Find resources by attribute or tag

☒ Name
☒ Security group ID
Security group name
VPC ID
Description

<input checked="" type="checkbox"/>	-	sg-0b8eb5ef628718991	default	vpc-0e092393ffbd671b9	default VPC security group
-------------------------------------	---	----------------------	---------	-----------------------	----------------------------

Details
Inbound rules
Outbound rules
Sharing - new
VPC associations - new
Tags

Inbound rules (3)

Search

☐ Name
☐ Security group rule ID
☐ IP version
☐ Type
☐ Protocol
☐ Port range
☐ Source

<input type="checkbox"/>	-	sgr-017775408d286469d	IPv4	SSH	TCP	22	0.0.0.0/0
<input type="checkbox"/>	-	sgr-0b0b4ed2c4b628390	IPv4	Custom TCP	TCP	8501	0.0.0.0/0
<input type="checkbox"/>	-	sgr-0dc3c36990aa6c4ba	-	All traffic	All	All	sg-0b8eb5ef62871899...

단계4: ECS Cluster 접속

 [Amazon Elastic Container Service](#) > Clusters

Amazon Elastic Container Service

Clusters

Namespaces

Task definitions

Account settings

Clusters (1) [Info](#)


Last updated: April 13, 2025 at 16:40 (UTC)

Cluster	Services	Tasks	Container instances
ecs-streamlit-cluster	1	<div><div></div>0 Pending 1 Running</div>	0 EC2

단계5: ECS Service 접속

[Services](#) | [Tasks](#) | [Infrastructure](#) | [Metrics](#) | [Scheduled tasks](#) | [Configuration](#) | [Tags](#)

Services (1) [Info](#)

 [Manage tags](#) [Update](#) [Delete service](#) [Create](#)


Filter launch type






Any launch type ▼

Filter service type

Any service type ▼

< 1 >



<input type="checkbox"/>	Service name	ARN	Status	Service ...	Created at	Deployments and tasks	Last deployment
	ecs-streamlit-service	 arn:aws:ecs:ap-r	 Active	REPLICA	13 minutes ago	 1/1 Tasks running	 Completed View

단계6: ECS Task 접속



Health and metrics | **Tasks** | Logs | Deployments | Events | Configuration and networking | Service auto scaling | Tags

Tasks (1/1)






Filter tasks by property or value

Filter desired status: Any desired status

Filter launch type: Any launch type

Task	Last status	Desired st...	Ta...	Health sta...	Created at	Started by
  3f9722bcc9ba48caa493f0...	✓ Running	✓ Running	ecs-s...	✓ Healthy	14 minutes ago	ecs-svc/24574660542...

단계7: Public IP copied

Configuration			
Operating system/Architecture Linux/X86_64	Capacity provider -	ENI ID eni-0948d596737f025d5	Public IP  3.36.129.89 open address
CPU Memory 1 vCPU 2 GB	Launch type FARGATE	Network mode awsvpc	Private IP  172.31.58.75
Platform version 1.4.0	Container instance ID -	Subnet ID subnet-062a5a807c3102fe4	MAC address  0e:83:17:06:27:55
Fault injection  Turned off	Task definition: revision ecs-streamlit-task:6		
ECS Exec Info  Turned off	Task group service:ecs-streamlit-service		

단계8: 접속 > Public IP:8501

`http://<public ip>:8501`

