

Pushing code changes to GitHub

```
PS D:\my-docker-project> git add .
PS D:\my-docker-project> git commit -m "Recreating Infra"
[main be96671] Recreating Infra
 1 file changed, 2 insertions(+), 2 deletions(-)
PS D:\my-docker-project> git push
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 533 bytes | 41.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/ImSD-CLOUD/my-terraform_docker-project.git
 43a414f..be96671  main -> main
PS D:\my-docker-project> git add .
PS D:\my-docker-project> git commit -m "Updated index.html with new design"
[main cd97e97] Updated index.html with new design
 1 file changed, 44 insertions(+), 6 deletions(-)
PS D:\my-docker-project> git push
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 1.06 KiB | 90.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/ImSD-CLOUD/my-terraform_docker-project.git
 be96671..cd97e97  main -> main
PS D:\my-docker-project> |
```

GitHub Actions workflow running upon code change

The screenshot shows a GitHub Actions workflow run details page for a repository named 'my-terraform_docker-project'. The workflow is titled 'Recreating Infra #6' and has a status of 'Succeeded'. The run was completed 1 hour ago in 5m 45s. The workflow consists of 21 jobs, all of which have passed. The jobs are listed in the following sequence:

- Set up job
- Checkout Code
- Configure AWS credentials
- Setup Terraform
- Terraform Init
- Terraform Validate
- Terraform Apply
- Get ECR URL from Terraform Output
- Login to Amazon ECR
- Build, tag, and push image to Amazon ECR
- Download Task Definition
- Fill in the new image ID in the Amazon ECS task definition
- Deploy Amazon ECS task definition
- Post Login to Amazon ECR
- Post Configure AWS credentials
- Post Checkout Code
- Complete job

Annotations section: 2 warnings

Run details, Usage, and Workflow file tabs are visible on the left. A search bar for logs is at the top right.

GitHub Actions workflow running upon code change

The screenshot shows a GitHub Actions workflow run details page for a repository named 'my-terraform_docker-project'. The workflow is titled 'Deploy Infra and App' and has completed successfully. The run was triggered by a pull request and took 3m 54s. The workflow consists of 19 steps:

- Set up job (0s)
- Checkout Code (0s)
- Configure AWS credentials (1s)
- Setup Terraform (1s)
- Terraform init (5s)
- Terraform Validate (2s)
- Terraform Apply (7s)
- Get ECR URL from Terraform Output (1s)
- Login to Amazon ECR (0s)
- Build, tag, and push image to Amazon ECR (9s)
- Download Task Definition (3s)
- Fill in the new image ID in the Amazon ECS task definition (0s)
- Deploy Amazon ECS task definition (3m 19s)
- Post Login to Amazon ECR (0s)
- Post Configure AWS credentials (0s)
- Post Checkout Code (0s)
- Complete job (0s)

Annotations section shows 2 warnings.

Docker cluster created and tasks are running

Amazon Elastic Container Service

Clusters

Namespaces

Task definitions

Account settings

Amazon ECR

Repositories

AWS Batch

Documentation

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Subscriptions

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docker-cluster

Last updated 22 November 2025, 21:33 (UTC+5:30)

Actions ▾ **Create with Express Mode ▾**

Cluster overview

| | | | |
|--|---|---|-------------------------------------|
| ARN arn:aws:ecs:us-east-1:931498157388:cluster/docker-cluster | Status Active | CloudWatch monitoring Default | Registered container instances - |
|--|---|---|-------------------------------------|

Services

| | | | |
|---------------|-------------|--------------|--------------|
| Draining - | Active 1 | Pending - | Running 2 |
|---------------|-------------|--------------|--------------|

Tasks

Services **Tasks**

Services (1) Info

Last updated 22 November 2025, 21:33 (UTC+5:30)

Create ▾

| Filter services by value | Filter launch type | Filter scheduling strategy | Filter resource management type |
|---|--|--|---------------------------------|
| app-service | Any launch type | Any scheduling strategy | Any resource management type |
| arn:aws:ecs:us-e | REPLICA | FARGATE | 2/2 tasks running |
| Active | Completed | Completed | 1 hour ago |

Task definitions are available

Amazon Elastic Container Service > Task definitions > app-task-definition

Last updated 22 November 2025, 20:55 (UTC+5:30) C Deploy Actions Create new revision

| Task definition: revision | Status |
|---------------------------------------|--------|
| app-task-definition:5 | Active |
| app-task-definition:4 | Active |
| app-task-definition:3 | Active |

Docker repository has been created on ECR

Amazon Elastic Container Registry

Private registry

Repositories

Features & Settings

Public registry

Repositories

Settings

ECR public gallery ↗

Amazon ECS ↗

Amazon EKS ↗

Private repositories (1)

Search by repository substring

| Repository name | ▲ | URI | Created at | ▼ | Tag immutability | Encryption type |
|-----------------|---|---|---------------------------------------|---|------------------|-----------------|
| repo | | 931498157388.dkr.ecr.us-east-1.amazonaws.com/repo | 22 November 2025, 20:24:42 (UTC+05.5) | | Mutable | AES-256 |

C View push commands Delete Actions ▾ Create repository

Dockerfile images are available inside the repository

Amazon ECR > Private registry > Repositories > Images

repo

Summary Images

Images (2)

Filter active images

| Image tags | Type | Created at | Image size | Image digest | Last pulled at |
|--|-------|--|------------|--------------------|---------------------------------------|
| cd97e97fd17695d8512 ed65fedfcf6c63fa9428 1, latest | Image | 22 November 2025, 20:49:45 (UTC+05.5) | 22.62 | sha256:c304143... | 22 November 2025, 20:50:33 (UTC+05.5) |
| be96671d4b5d163e7c4 2684d0e50b38bb97d9 62a | Image | 22 November 2025, 20:28:20 (UTC+05.5) | 22.62 | sha256:48a55aaa... | 22 November 2025, 20:29:52 (UTC+05.5) |

C Delete Copy URI Details Scan View push commands

Amazon Elastic Container Registry

Private registry

Repositories Images Permissions Lifecycle Policy Repository tags

Features & Settings

Public registry

Repositories Settings

All the 4 VPC Endpoints have been created successfully

VPC > Endpoints

VPC dashboard AWS Global View Filter by VPC: Virtual private cloud Your VPCs Subnets Route tables Internet gateways Egress-only Internet gateways Carrier gateways DHCP option sets Elastic IPs Managed prefix lists NAT gateways Peering connections Route servers Security Network ACLs Security groups

Endpoints (1/4) Info Actions Create endpoint

| Name | VPC endpoint ID | Endpoint type | Status | Service name |
|---|--|---------------|-----------|---------------------------------|
| ECR-DKR-Interface-Endpoint | vpce-0f4770c299162d45c | Interface | Available | com.amazonaws.us-east-1.ecr.dkr |
| ECR-API-Interface-Endpoint | vpce-0f382a0d8d71345e1 | Interface | Available | com.amazonaws.us-east-1.ecr.api |
| CloudWatch-Logs-Interface-Endpoint | vpce-004385f8cd27cdeb3 | Interface | Available | com.amazonaws.us-east-1.logs |
| <input checked="" type="checkbox"/> S3-Gateway-Endpoint-for-ECR | vpce-0d9128be21edf40e8 | Gateway | Available | com.amazonaws.us-east-1.s3 |

vpce-0d9128be21edf40e8 / S3-Gateway-Endpoint-for-ECR

Details Route tables Policy Tags

Route tables (1)

| Name | Route Table ID | Main | Associated Id |
|-------------------|---|------|---------------|
| docker-private-rt | rtb-0b492c1daa1d6f4c9 (docker-privat... | No | 2 subnets |

Manage route tables

First private subnet for ECS tasks

Subnets (1/10) [Info](#)

Last updated 8 minutes ago [Actions](#) [Create subnet](#)

| Name | Subnet ID | State | VPC | Block Public... | IPv4 CIDR | IPv6 CIDR | IPv6 |
|--|--|------------------------|---------------------------------------|------------------------------|----------------|-----------|------|
| - | subnet-006610e4a7acad2ef | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.48.0/20 | - | - |
| <input checked="" type="checkbox"/> docker-private-sn3 | subnet-04f9b1fa43d76c1b8 | Available | vpc-012693e5c15e2c464 | <input type="checkbox"/> Off | 10.0.3.0/24 | - | - |
| docker-public-sn1 | subnet-05da9eda10621e5ac | Available | vpc-012693e5c15e2c464 | <input type="checkbox"/> Off | 10.0.1.0/24 | - | - |
| docker-public-sn4 | subnet-00075d5caff2c6f96 | Available | vpc-012693e5c15e2c464 | <input type="checkbox"/> Off | 10.0.4.0/24 | - | - |
| - | subnet-052f4b6016cb66092 | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.64.0/20 | - | - |
| - | subnet-08fa43c3abec38b16 | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.80.0/20 | - | - |
| - | subnet-0ac920010e1164c27 | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.16.0/20 | - | - |
| - | subnet-062a5b2408b48f961 | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.32.0/20 | - | - |
| docker-private-sn2 | subnet-01ea720832867c18a | Available | vpc-012693e5c15e2c464 | <input type="checkbox"/> Off | 10.0.2.0/24 | - | - |

subnet-04f9b1fa43d76c1b8 / docker-private-sn3

| | | |
|---|---|---|
| <input type="checkbox"/> arn:aws:ec2:us-east-1:95149815:588:subnet/subnet-04f9b1fa43d76c1b8 | <input type="checkbox"/> Available | <input type="checkbox"/> Off |
| IPv4 CIDR <input type="checkbox"/> 10.0.3.0/24 | IPv6 CIDR - | IPv6 CIDR association ID - |
| Availability Zone <input type="checkbox"/> use1-az4 (us-east-1c) | Network border group <input type="checkbox"/> us-east-1 | Route table rtb-0b492c1daa1d6f4c9 docker-private-rt |
| Network ACL acl-032594aa4ad67f23d | Default subnet No | Auto-assign public IPv4 address No |
| Auto-assign customer-owned IPv4 address No | Customer-owned IPv4 pool - | Outpost ID - |
| IPv4 CIDR reservations - | | |

First public subnet for Application Load Balancer

Subnets (1/10) [Info](#) Last updated 12 minutes ago [Actions ▾](#) [Create](#)

Find subnets by attribute or tag

| <input type="checkbox"/> | Name | Subnet ID | State | VPC | Block Public... | IPv4 CIDR | IPv6 CIDR |
|-------------------------------------|--------------------|--|------------------------|---------------------------------------|------------------------------|----------------|-----------|
| <input type="checkbox"/> | - | subnet-006610e4a7acad2ef | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.48.0/20 | - |
| <input type="checkbox"/> | docker-private-sn3 | subnet-04f9b1fa43d76c1b8 | Available | vpc-012693e5c15e2c464 | <input type="checkbox"/> Off | 10.0.3.0/24 | - |
| <input checked="" type="checkbox"/> | docker-public-sn1 | subnet-05da9eda10621e5ac | Available | vpc-012693e5c15e2c464 | <input type="checkbox"/> Off | 10.0.1.0/24 | - |
| <input type="checkbox"/> | docker-public-sn4 | subnet-00075d5caff2c6f96 | Available | vpc-012693e5c15e2c464 | <input type="checkbox"/> Off | 10.0.4.0/24 | - |
| <input type="checkbox"/> | - | subnet-052f4b6016cb66092 | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.64.0/20 | - |
| <input type="checkbox"/> | - | subnet-08fa43c3abec38b16 | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.80.0/20 | - |
| <input type="checkbox"/> | - | subnet-0ac920010e1164c27 | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.16.0/20 | - |
| <input type="checkbox"/> | - | subnet-062a5b2408b48f961 | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.32.0/20 | - |
| <input type="checkbox"/> | docker-private-sn2 | subnet-01ea720832867c18a | Available | vpc-012693e5c15e2c464 | <input type="checkbox"/> Off | 10.0.2.0/24 | - |

subnet-05da9eda10621e5ac / docker-public-sn1

| | | | |
|--|---|--|---|
| <input type="checkbox"/> subnet-05da9eda10621e5ac | <input type="checkbox"/> arn:aws:ec2:us-east-1:95149815:588:subnet/subnet-05da9eda10621e5ac | Available | <input type="checkbox"/> Off |
| IPv4 CIDR <input checked="" type="checkbox"/> 10.0.1.0/24 | IPv6 CIDR - | IPv6 CIDR association ID - | Route table rtb-053457a3b16673d42 docker-public-rt |
| Availability Zone <input checked="" type="checkbox"/> use1-az2 (us-east-1b) | Available IPv4 addresses <input checked="" type="checkbox"/> 249 | VPC vpc-012693e5c15e2c464 | Route table rtb-053457a3b16673d42 docker-public-rt |
| Network ACL acl-032594aa4ad67f23d | Network border group <input checked="" type="checkbox"/> us-east-1 | Auto-assign public IPv4 address <input checked="" type="checkbox"/> Yes | Auto-assign IPv6 address No |
| Auto-assign customer-owned IPv4 address No | Default subnet No | Outpost ID - | IPv4 CIDR reservations - |
| | Customer-owned IPv4 pool - | | |

Second public subnet for Application Load Balancer

| Subnets (1/10) Info | | | | | | | | | Last updated 13 minutes ago | Actions | Create sub |
|-------------------------------------|--------------------|--|------------------------|---------------------------------------|------------------------------|----------------|-----------|--|-----------------------------|-------------------------|----------------------------|
| | Name | Subnet ID | State | VPC | Block Public... | IPv4 CIDR | IPv6 CIDR | | | | |
| <input type="checkbox"/> | - | subnet-006610e4a7acad2ef | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.48.0/20 | - | | | | |
| <input type="checkbox"/> | docker-private-sn3 | subnet-04f9b1fa43d76c1b8 | Available | vpc-012693e5c15e2c464 | <input type="checkbox"/> Off | 10.0.3.0/24 | - | | | | |
| <input type="checkbox"/> | docker-public-sn1 | subnet-05da9eda10621e5ac | Available | vpc-012693e5c15e2c464 | <input type="checkbox"/> Off | 10.0.1.0/24 | - | | | | |
| <input checked="" type="checkbox"/> | docker-public-sn4 | subnet-00075d5caff2c6f96 | Available | vpc-012693e5c15e2c464 | <input type="checkbox"/> Off | 10.0.4.0/24 | - | | | | |
| <input type="checkbox"/> | - | subnet-052f4b6016cb66092 | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.64.0/20 | - | | | | |
| <input type="checkbox"/> | - | subnet-08fa43c3abec38b16 | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.80.0/20 | - | | | | |
| <input type="checkbox"/> | - | subnet-0ac920010e1164c27 | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.16.0/20 | - | | | | |
| <input type="checkbox"/> | - | subnet-062a5b2408b48f961 | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.32.0/20 | - | | | | |
| <input type="checkbox"/> | docker-private-sn2 | subnet-01ea720832867c18a | Available | vpc-012693e5c15e2c464 | <input type="checkbox"/> Off | 10.0.2.0/24 | - | | | | |

subnet-00075d5caff2c6f96 / docker-public-sn4

| | | | |
|---|---|---|---|
| <input type="checkbox"/> subnet-00075d5caff2c6f96 | <input type="checkbox"/> arn:aws:ec2:us-east-1:95149815:588:subnet/subnet-00075d5caff2c6f96 | Available | <input type="checkbox"/> Utt |
| IPv4 CIDR | <input type="checkbox"/> 10.0.4.0/24 | IPv6 CIDR | <input type="checkbox"/> IPv6 CIDR association ID |
| Availability Zone | <input type="checkbox"/> use1-az4 (us-east-1c) | - | - |
| Network ACL | <input type="checkbox"/> acl-032594aa4ad67f23d | VPC | Route table |
| Auto-assign customer-owned IPv4 address | No | vpc-012693e5c15e2c464 | rtb-053457a3b16673d42 docker-public-rt |
| | | Auto-assign public IPv4 address | Auto-assign IPv6 address |
| | | <input checked="" type="checkbox"/> Yes | No |
| | | Outpost ID | IPv4 CIDR reservations |
| | | - | - |

Second private subnet for ECS tasks

Subnets (1/10) [Info](#) Last updated 15 minutes ago [Actions](#) [Create](#)

| <input type="checkbox"/> | Name | Subnet ID | State | VPC | Block Public... | IPv4 CIDR | IPv6 CIDR |
|-------------------------------------|--------------------|--|------------------------|---------------------------------------|------------------------------|----------------|-----------|
| <input type="checkbox"/> | - | subnet-006610e4a7acad2ef | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.48.0/20 | - |
| <input type="checkbox"/> | docker-private-sn3 | subnet-04f9b1fa43d76c1b8 | Available | vpc-012693e5c15e2c464 | <input type="checkbox"/> Off | 10.0.3.0/24 | - |
| <input type="checkbox"/> | docker-public-sn1 | subnet-05da9eda10621e5ac | Available | vpc-012693e5c15e2c464 | <input type="checkbox"/> Off | 10.0.1.0/24 | - |
| <input type="checkbox"/> | docker-public-sn4 | subnet-00075d5caff2c6f96 | Available | vpc-012693e5c15e2c464 | <input type="checkbox"/> Off | 10.0.4.0/24 | - |
| <input type="checkbox"/> | - | subnet-052f4b6016cb66092 | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.64.0/20 | - |
| <input type="checkbox"/> | - | subnet-08fa43c3abec38b16 | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.80.0/20 | - |
| <input type="checkbox"/> | - | subnet-0ac920010e1164c27 | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.16.0/20 | - |
| <input type="checkbox"/> | - | subnet-062a5b2408b48f961 | Available | vpc-024cf06e550af3e95 | <input type="checkbox"/> Off | 172.31.32.0/20 | - |
| <input checked="" type="checkbox"/> | docker-private-sn2 | subnet-01ea720832867c18a | Available | vpc-012693e5c15e2c464 | <input type="checkbox"/> Off | 10.0.2.0/24 | - |

subnet-01ea720832867c18a / docker-private-sn2

| | | | |
|---|---|--|---|
| <input type="checkbox"/> subnet-01ea720832867c18a | <input type="checkbox"/> arn:aws:ec2:us-east-1:951498157588:subnet/subnet-01ea720832867c18a | Available | <input type="checkbox"/> Off |
| IPv4 CIDR | IPv4 CIDR | IPv6 CIDR | IPv6 CIDR association ID |
| <input type="checkbox"/> 10.0.2.0/24 | <input type="checkbox"/> 10.0.2.0/24 | - | - |
| Availability Zone | Available IPv4 addresses | VPC | Route table |
| <input type="checkbox"/> use1-az2 (us-east-1b) | <input type="checkbox"/> 247 | vpc-012693e5c15e2c464 | rtb-0b492c1daa1d6f4c9 docker-private-rt |
| Network ACL | Network border group | Auto-assign public IPv4 address | Auto-assign IPv6 address |
| acl-032594aa4ad67f23d | <input type="checkbox"/> us-east-1 | <input type="checkbox"/> No | No |
| Auto-assign customer-owned IPv4 address | Default subnet | Outpost ID | IPv4 CIDR reservations |
| No | No | - | - |
| | Customer-owned IPv4 pool | | |
| | - | | |

Public route table for Internet Gateway and Public Subnets

Route tables (1/4) [Info](#) Last updated 16 minutes ago [Actions](#) [Create route](#)

Find route tables by attribute or tag

| Name | Route table ID | Explicit subnet associ... | Edge associations | Main | VPC | Owner ID |
|--|---------------------------------------|---------------------------|-------------------|------|---------------------------------------|--------------|
| <input checked="" type="checkbox"/> docker-public-rt | rtb-053457a3b16673d42 | 2 subnets | - | No | vpc-012693e5c15e2c464 | 931498157388 |
| <input type="checkbox"/> - | rtb-05d35975fa55e58f8 | - | - | Yes | vpc-012693e5c15e2c464 | 931498157388 |
| <input type="checkbox"/> - | rtb-0728a211413297060 | - | - | Yes | vpc-024cf06e550af3e95 | 931498157388 |
| <input type="checkbox"/> docker-private-rt | rtb-0b492c1daa1d6f4c9 | 2 subnets | - | No | vpc-012693e5c15e2c464 | 931498157388 |

[rtb-053457a3b16673d42 / docker-public-rt](#)

Details | Routes | [Subnet associations](#) | Edge associations | Route propagation | Tags

[Edit subnet associations](#)

Explicit subnet associations (2)

Find subnet association

| Name | Subnet ID | IPv4 CIDR | IPv6 CIDR |
|-----------------------------------|--|-------------|-----------|
| docker-public-sn1 | subnet-05da9eda10621e5ac | 10.0.1.0/24 | - |
| docker-public-sn4 | subnet-00075d5caff2c6f96 | 10.0.4.0/24 | - |

Private route table for NAT Gateway and Private Subnets

Route tables (1/4) [Info](#)

Last updated 20 minutes ago [C](#) Actions ▾ [Create route table](#)

Find route tables by attribute or tag

| Name | Route table ID | Explicit subnet associ... | Edge associations | Main | VPC | Owner ID |
|---|---------------------------------------|---------------------------|-------------------|------|---------------------------------------|--------------|
| docker-public-rt | rtb-053457a3b16673d42 | 2 subnets | - | No | vpc-012693e5c15e2c464 | 931498157388 |
| - | rtb-05d35975fa55e58f8 | - | - | Yes | vpc-012693e5c15e2c464 | 931498157388 |
| - | rtb-0728a211413297060 | - | - | Yes | vpc-024cf06e550af3e95 | 931498157388 |
| <input checked="" type="checkbox"/> docker-private-rt | rtb-0b492c1daa1d6f4c9 | 2 subnets | - | No | vpc-012693e5c15e2c464 | 931498157388 |

rtb-0b492c1daa1d6f4c9 / docker-private-rt

Details | Routes | [Subnet associations](#) | Edge associations | Route propagation | Tags

Edit subnet associations

Find subnet association

| Name | Subnet ID | IPv4 CIDR | IPv6 CIDR |
|--------------------|--|-------------|-----------|
| docker-private-sn3 | subnet-04f9b1fa43d76c1b8 | 10.0.3.0/24 | - |
| docker-private-sn2 | subnet-01ea720832867c18a | 10.0.2.0/24 | - |

Internet Gateway

Internet gateways (1/2) Info



Actions ▾

Create

Find internet gateways by attribute or tag

| <input type="checkbox"/> | Name | Internet gateway ID | State | VPC ID | Owner |
|-------------------------------------|------------|---------------------------------------|--|---------------------------------------|--------------|
| <input checked="" type="checkbox"/> | docker-igw | igw-0066d5c1149cde5eb | <input checked="" type="checkbox"/> Attached | vpc-012693e5c15e2c464 | 931498157388 |
| <input type="checkbox"/> | - | igw-01ab32240ee7be251 | <input checked="" type="checkbox"/> Attached | vpc-024cf06e550af3e95 | 931498157388 |

[igw-0066d5c1149cde5eb / docker-igw](#)

Details

Tags

Details

Internet gateway ID

[igw-0066d5c1149cde5eb](#)

State

Attached

VPC ID

[vpc-012693e5c15e2c464](#)

Owner

[931498157388](#)

Elastic IP for NAT Gateway

| Elastic IP addresses (1/1) Info | | | | | | |
|--|--------------------------------|-----------|----------------------------|--------------------|------------------------|-----------------|
| Actions Allocate Elastic IP | | | | | | |
| <input type="text"/> Find elastic IP addresses by attribute or tag | | | | | | |
| Name | Allocated IPv4 addr... | Type | Allocation ID | Reverse DNS record | Associated instance ID | Private IP a... |
| <input checked="" type="checkbox"/> docker-nat-gw-eip | 100.30.148.246 | Public IP | eipalloc-05e576009e941133c | - | - | 10.0.1.23 |

100.30.148.246

[View IP address usage and recommendations to release unused IPs with Public IP insights.](#)

[Summary](#) [Tags](#)

Summary

Allocated IPv4 address

[100.30.148.246](#)

Association ID

[eipassoc-05c664b8e9b4c382f](#)

Network interface ID

[eni-0c4aa6fe0be8545d0](#)

Address pool

[Amazon](#)

Type

[Public IP](#)

Scope

[VPC](#)

Network interface owner account ID

[931498157388](#)

Network border group

[us-east-1](#)

Allocation ID

[eipalloc-05e576009e941133c](#)

Associated instance ID

-

Public DNS

[ec2-100-30-148-246.compute-1.amazonaws.com](#)

Service managed

-

Reverse DNS record

-

Private IP address

[10.0.1.23](#)

NAT Gateway ID

[nat-0679a329824672c2c\(docker-nat-gw\)](#)

NAT Gateway

NAT gateways (1/1) [Info](#)

Find NAT gateways by attribute or tag

[Actions ▾](#) [Create NAT gateway](#)

| Name | NAT gateway ID | Connectivity... | State | State message | Availability mode | Route table ID | Primary public I... | Primary private I... |
|---------------|---------------------------------------|-----------------|------------------------|---------------|-------------------|----------------|---------------------|----------------------|
| docker-nat-gw | nat-0679a329824672c2c | Public | Available | - | Zonal | - | 100.30.148.246 | 10.0.1.23 |

nat-0679a329824672c2c / docker-nat-gw [Edit](#)

[Details](#) [Secondary IPv4 addresses](#) [Monitoring](#) [Tags](#)

Details

| | | | |
|--|--|---|---|
| NAT gateway ID nat-0679a329824672c2c | Connectivity type Public | State Available | State message - |
| NAT gateway ARN arn:aws:ec2:us-east-1:931498157388:natgateway/nat-0679a329824672c2c | Primary public IPv4 address 100.30.148.246 | Primary private IPv4 address 10.0.1.23 | Primary network interface ID eni-0c4aa6fe0be8545d0 ↗ |
| VPC vpc-012693e5c15e2c464 | Subnet subnet-05da9eda10621e5ac / docker-public-sn1 | Created Saturday 22 November 2025 at 20:25:04 GMT+5:30 | Deleted - |

Endpoint Security Group for VPC Endpoints

Security Groups (1/5) [Info](#)

Find security groups by attribute or tag

[Actions](#) [Export security groups to CSV](#) [Create security group](#)

| Name | Security group ID | Security group name | VPC ID | Description |
|---|--------------------------------------|---------------------|---------------------------------------|---|
| <input checked="" type="checkbox"/> endpoint-security-gr... | sg-07ab6d3328bcdaef9 | endpoint_sg | vpc-012693e5c15e2c464 | Allows inbound traffic to VPC Endpoints (ECR/CloudWatch) from App Tasks |
| <input type="checkbox"/> alb-security-group | sg-01c4e6646f7b48867 | alb-sg | vpc-012693e5c15e2c464 | Allows HTTP/HTTPS access from the internet to the ALB |
| <input type="checkbox"/> - | sg-091a132c8876573cf | default | vpc-012693e5c15e2c464 | default VPC security group |
| <input type="checkbox"/> - | sg-00057b213350f3ecd | default | vpc-024cf06e550af3e95 | default VPC security group |
| <input type="checkbox"/> application-security-... | sg-07343cda16f6920e0 | app_sg | vpc-012693e5c15e2c464 | Security group for ECS Tasks (application containers) |

sg-07ab6d3328bcdaef9 - endpoint_sg

[Details](#) [Inbound rules](#) [Outbound rules](#) [Sharing - new](#) [VPC associations - new](#) [Tags](#)

Inbound rules (1)

Search

[Manage tags](#) [Edit inbound rules](#)

| Name | Security group rule ID | IP version | Type | Protocol | Port range | Source | Description |
|----------------------------|------------------------|------------|-------|----------|------------|---|-------------------------|
| <input type="checkbox"/> - | sgr-0c9290f101c8b7bd2 | - | HTTPS | TCP | 443 | sg-07343cda16f6920e0... | Allow HTTPS from App... |

ALB Security Group for Application Load Balancer

Security Groups (1/5) [Info](#)

[Actions](#) | [Export security groups to CSV](#) | [Create security group](#)

< 1 >

Find security groups by attribute or tag

| - | Name | Security group ID | Security group name | VPC ID | Description |
|-------------------------------------|--------------------------|--------------------------------------|---------------------|---------------------------------------|---|
| <input type="checkbox"/> | endpoint-security-gr... | sg-07ab6d3328bcdaef9 | endpoint_sg | vpc-012693e5c15e2c464 | Allows inbound traffic to VPC Endpoints (ECR/CloudWatch) from App Tasks |
| <input checked="" type="checkbox"/> | alb-security-group | sg-01c4e6646f7b48867 | alb-sg | vpc-012693e5c15e2c464 | Allows HTTP/HTTPS access from the internet to the ALB |
| <input type="checkbox"/> | - | sg-091a132c8876573cf | default | vpc-012693e5c15e2c464 | default VPC security group |
| <input type="checkbox"/> | - | sg-00057b213350f3ecd | default | vpc-024cf06e550af3e95 | default VPC security group |
| <input type="checkbox"/> | application-security-... | sg-07343cda16f6920e0 | app_sg | vpc-012693e5c15e2c464 | Security group for ECS Tasks (application containers) |

sg-01c4e6646f7b48867 - alb-sg

[Details](#) | [Inbound rules](#) | [Outbound rules](#) | [Sharing - new](#) | [VPC associations - new](#) | [Tags](#)

[Manage tags](#) | [Edit inbound rules](#)

< 1 >

Inbound rules (2)

Search

| - | Name | Security group rule ID | IP version | Type | Protocol | Port range | Source | Description |
|--------------------------|------|------------------------|------------|-------|----------|------------|-----------|---------------------------|
| <input type="checkbox"/> | - | sgr-0211b83916af4b5b0 | IPv4 | HTTP | TCP | 80 | 0.0.0.0/0 | Allow http from the Int. |
| <input type="checkbox"/> | - | sgr-08a18533ea8981515 | IPv4 | HTTPS | TCP | 443 | 0.0.0.0/0 | Allow https from the Int. |

Application Security Group for tasks running on ECS

Security Groups (1/5) Info



Actions ▾

Export security groups to CSV ▾

Create security group

 Find security groups by attribute or tag

< 1 >

| <input type="checkbox"/> | Name | ▼ Security group ID | ▼ Security group name | ▼ VPC ID | ▼ Description |
|-------------------------------------|----------------------------|--------------------------------------|-----------------------|---------------------------------------|--|
| <input type="checkbox"/> | endpoint-security-group | sg-07ab6d3328bcdaef9 | endpoint_sg | vpc-012693e5c15e2c464 | Allows inbound traffic to VPC Endpoints (ECR/CloudWatch) from anywhere |
| <input type="checkbox"/> | alb-security-group | sg-01c4e6646f7b48867 | alb-sg | vpc-012693e5c15e2c464 | Allows HTTP/HTTPS access from the internet to the ALB |
| <input type="checkbox"/> | - | sg-091a132c8876573cf | default | vpc-012693e5c15e2c464 | default VPC security group |
| <input type="checkbox"/> | - | sg-00057b213350f3ecd | default | vpc-024cf06e550af3e95 | default VPC security group |
| <input checked="" type="checkbox"/> | application-security-group | sg-07343cda16f6920e0 | app_sg | vpc-012693e5c15e2c464 | Security group for ECS Tasks (application containers) |

sg-07343cda16f6920e0 - app_sg



Details

Inbound rules

Outbound rules

Sharing - new

VPC associations - new

Tags

Inbound rules (1)



Manage tags

Edit inbound rules

< 1 >



| <input type="checkbox"/> | Name | ▼ Security group rule ID | ▼ IP version | ▼ Type | ▼ Protocol | ▼ Port range | ▼ Source | ▼ Description |
|--------------------------|------|---------------------------------------|--------------|--------|------------|--------------|---|------------------------|
| <input type="checkbox"/> | - | sgr-0feceb03c06710d69 | - | HTTP | TCP | 80 | sg-01c4e6646f7b48867... | Allow traffic from ALB |

IAM Roles

Roles (7) 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

[AWSServiceRoleForECS](#)

AWS Service: [ecs \(Service-Linked Role\)](#)

9 minutes ago

[AWSServiceRoleForElasticLoadBalancing](#)

AWS Service: [elasticloadbalancing \(Service-Linked Role\)](#)

1 hour ago

[AWSServiceRoleForResourceExplorer](#)

AWS Service: [resource-explorer-2 \(Service-Linked Role\)](#)

26 minutes ago

[AWSServiceRoleForSupport](#)

AWS Service: [support \(Service-Linked Role\)](#)

-

[AWSServiceRoleForTrustedAdvisor](#)

AWS Service: [trustedadvisor \(Service-Linked Role\)](#)

-

[ecs-fargate-execution-role](#)

AWS Service: [ecs-tasks](#)

9 minutes ago

[ecs-fargate-task-role](#)

AWS Service: [ecs-tasks](#)

30 minutes ago

[Roles Anywhere](#) 

CloudWatch Log Group for tasks

CloudWatch > Log groups > /ecs/app-task-definition

CloudWatch

Favorites and recents

Dashboards

AI Operations New

Alarms 0 0 0 In alarm All alarms New Billing

Logs

Log groups Log Anomalies Live Tail Logs Insights New Contributor Insights

Metrics New

Application Signals New (APM)

GenAI Observability

Network Monitoring Flow monitors Internet monitors

/ecs/app-task-definition

Log group details

Log class: Info Standard ARN: arn:aws:logs:us-east-1:931498157388:log-group:/ecs/app-task-definition Creation time: 2 hours ago Retention: 1 week Stored bytes: -

Metric filters: 0 Subscription filters: 0 Contributor Insights rules: - KMS key ID: - Data protection: -

Sensitive data count: - Custom field indexes: Configure Transformer: Configure Anomaly detection: Configure

Actions View in Logs Insights Start tailing Search log group

Log streams Tags Anomaly detection Metric filters Subscription filters Contributor Insights Data protection Field indexes Transformer

Log streams (4)

By default, we only load the most recent log streams.

Filter log streams or try prefix search Exact match Show expired Info

| <input type="checkbox"/> Log stream | Last event time |
|--|---------------------------|
| ecs/app/b45aebe91767406b843b5726024c296a | 2025-11-22 16:24:45 (UTC) |
| ecs/app/b353360ff5724cab5162881a17d46a5 | 2025-11-22 15:42:22 (UTC) |

[Create log stream](#) [Search all log streams](#)

Target Group associated with Load Balancer

EC2 > Target groups

Target groups (1/1) [Info](#) | [What's new?](#)

Filter target groups

| Name | ARN | Port | Protocol | Target type | Load balancer | VPC ID |
|------------------|---|------|----------|-------------|---------------|-----------------------|
| app-target-group | arn:aws:elasticloadbalancing:us-east-1:931498157388:targetgroup/app-target-group/d9b2f812178335fc | 80 | HTTP | IP | app-alb | vpc-012693e5c15e2c464 |

Target group: app-target-group

Details Targets Monitoring Health checks Attributes Tags

Details

| | | | | | |
|---|--|--|--|---------------------------|----------------------------|
| arn:aws:elasticloadbalancing:us-east-1:931498157388:targetgroup/app-target-group/d9b2f812178335fc | Protocol : Port HTTP: 80 | Protocol version HTTP1 | VPC vpc-012693e5c15e2c464 | | |
| Target type IP | IP address type IPv4 | Load balancer app-alb | | | |
| 2 Total targets | 2 Healthy 0 Anomalous | 0 Unhealthy | 0 Unused | 0 Initial | 0 Draining |

Distribution of targets by Availability Zone (AZ)

Select values in this table to see corresponding filters applied to the Registered targets table below.

| Zone | Total targets | Healthy | Unhealthy | Unused | Initial | Draining |
|-----------------------|---------------|---------|-----------|--------|---------|----------|
| us-east-1b (use1-az2) | 1 | 1 | 0 | 0 | 0 | 0 |
| us-east-1c (use1-az4) | 1 | 1 | 0 | 0 | 0 | 0 |

Application Load Balancer

EC2 > Load balancers > app-alb

app-alb

Details

| | | | |
|---|--|--|--------------------------------------|
| Load balancer type | Status | VPC | Load balancer IP address type |
| Application | Active | vpc-012693e5c15e2c464 ↗ | IPv4 |
| Scheme | Hosted zone | Availability Zones | Date created |
| Internet-facing | Z355XD0TRQ7X7K | subnet-05da9eda10621e5ac ↗ us-east-1b (use1-az2) subnet-00075d5caff2c6f96 ↗ us-east-1c (use1-az4) | November 22, 2025, 20:25 (UTC+05:30) |
| Load balancer ARN | DNS name | | |
| arn:aws:elasticloadbalancing:us-east-1:931498157388:loadbalancer/app/app-alb/66bb607deba56122 | Info ↗ app-alb-1085583847.us-east-1.elb.amazonaws.com (A Record) | | |

Listeners and rules 1 Info

A listener checks for connection requests on its configured protocol and port. Traffic received by the listener is routed according to the default action and any additional rules.

| Protocol:Port | Default action | Rules | ARN | Security policy | Default SSL/TLS certificate | mTLS | Trust store |
|---------------|--|--------|-------|-----------------|-----------------------------|----------------|----------------|
| HTTP:80 | Forward to target group app-target-group ↗ : 1 (100%) Target group stickiness: Off | 1 rule | ARN ↗ | Not applicable | Not applicable | Not applicable | Not applicable |

Application successfully deployed and accessible on the web



thank
YOU
so MUCH