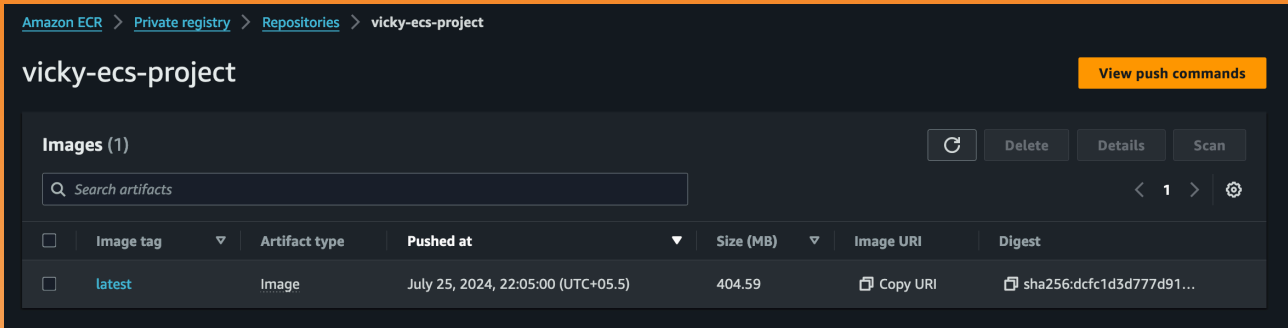
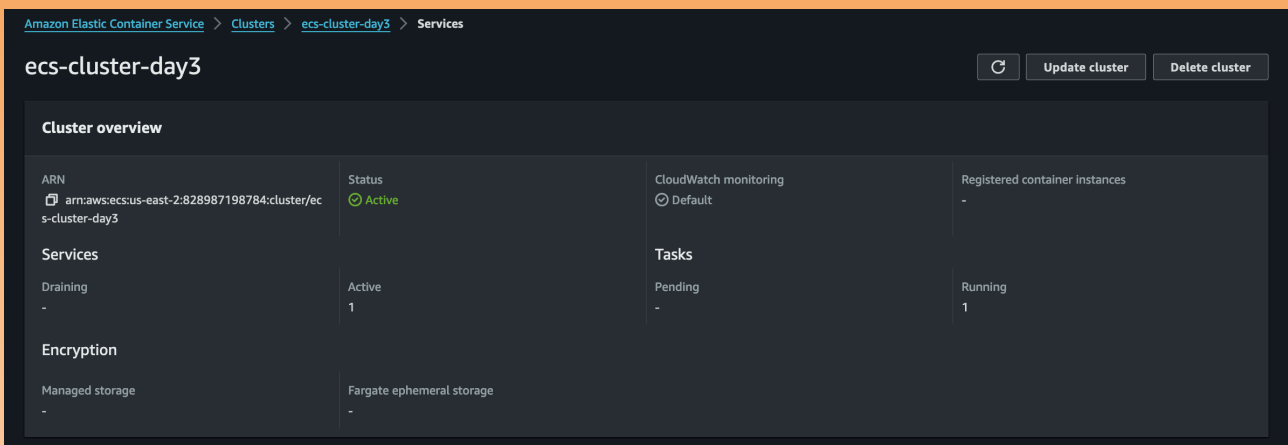


# Container Orchestration (ECS)

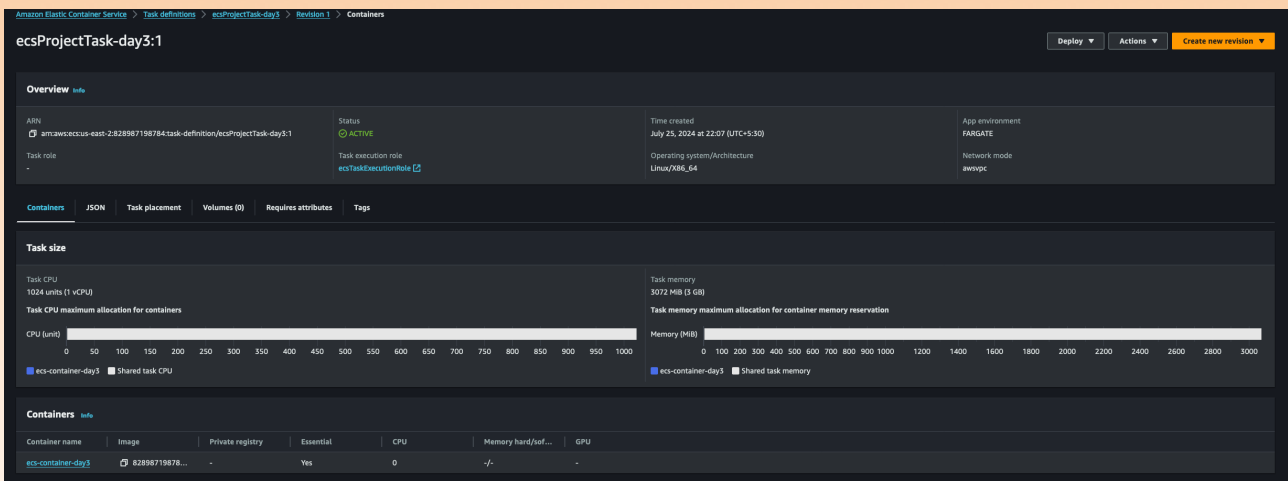
**Elastic container repository (ECR):** Push the image to the ECR repository



**Create an ECS cluster :**



**Create new task definition:**



Create Service:

Amazon Elastic Container Service > Clusters > ecs-cluster-day3 > Services > service-api > Health

service-api

Info

↻

Update service

Delete service

Health and metrics

Tasks

Logs

Deployments

Events

Configuration and networking

Tags

Status

Info

ARN

arn:aws:ecs:us-east-2:828987198784:service/ecs-cluster-day3/service-api

Status

Active

Tasks (1 Desired)

0 Pending | 1 Running

Deployments current state

1 Completed

Health check grace period

30 seconds

▼ Load balancer health

(Application Load Balancer) ecsALB

View load balancer

Listener protocol:port

HTTP:80

Target group name:protocol

serviceApiEcsTask:HTTP

Health check path

/health

Targets (1 total)

1 Healthy 0 Unhealthy

View load balancer:

EC2 > Load balancers > ecsALB

ecsALB

↻

Actions

▼ Details

Load balancer type

Application

Status

Active

VPC

vpc-0032e12b2990b765f

Load balancer IP address type

IPv4

Scheme

Internet-facing

Hosted zone

Z3AADJGX6KTTL2

Availability Zones

subnet-0478c08751987eeaf us-east-2b (use2-az2)

subnet-076df24c17983802d us-east-2a (use2-az1)

subnet-0c00089dfcad5249b us-east-2c (use2-az3)

Date created

July 25, 2024, 22:11 (UTC+05:30)

Load balancer ARN

arn:aws:elasticloadbalancing:us-east-2:828987198784:loadbalancer/app/ecsALB/3ebf5a2cb0a49b2c

DNS name

ecsALB-726573644.us-east-2.elb.amazonaws.com (A Record)

Listeners and rules

Network mapping

Resource map

Security

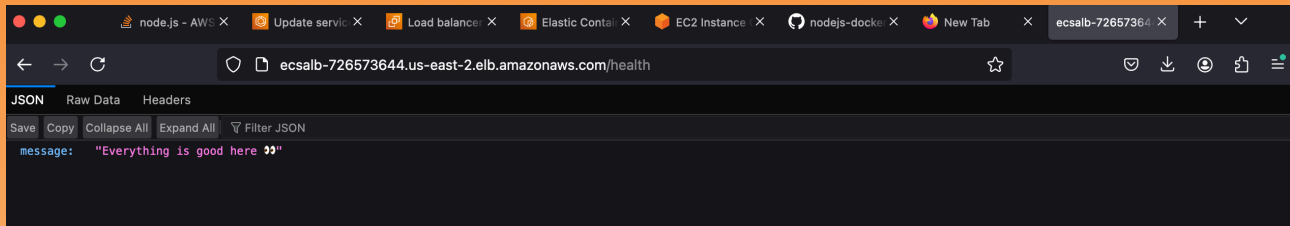
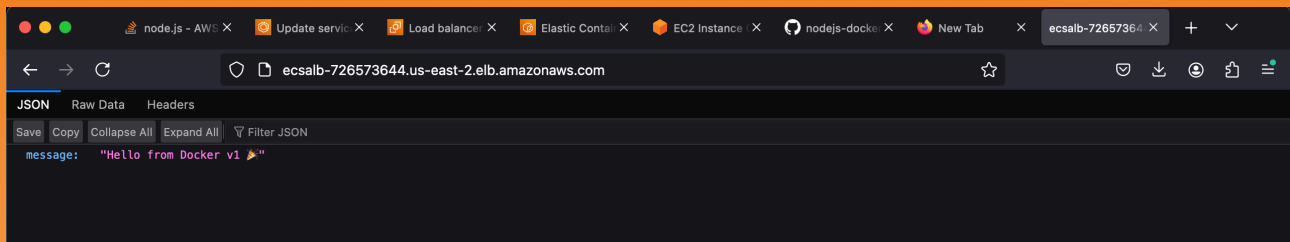
Monitoring

Integrations

Attributes

Tags

## View website through DNS name:



## Rolling updates using Containers and ECS:

### Deployment configuration

☒ Force new deployment

#### Task definition

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

☐ Specify the revision manually

Manually input the revision instead of choosing from the 100 most recent revisions for the selected task definition family.

Family

ecsProjectTask-day3

Revision

1 (LATEST)

#### Service type

REPLICA

#### Desired tasks

Specify the number of tasks to launch.

1

Min running tasks % | [Info](#)

Max running tasks % | [Info](#)

Specify the minimum percent of running tasks allowed during a

Specify the maximum percent of running tasks allowed during a