IAM   EC2   S3   VPC   Aurora and RDS   Elastic Kubernetes Service

EC2 > Instances

EC2

Dashboard
AWS Global View
Events

▼ **Instances**

Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Capacity Manager New

Instances (2) Info

Connect   Instance state ▾   Actions ▾   **Launch instances**   ▾

Q Find Instance by attribute or tag (case-sensitive)   All states ▾   ‹ 1 ›

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Z
☐	wisecow-cluster-wisecow-nodes-Node	i-0aac3b9c3159f69ba	⊘ Running ⊕ ⊖	t3.medium	⊘ 3/3 checks passec	View alarms +	ap-south-1b
☐	wisecow-cluster-wisecow-nodes-Node	i-0c0c1ceaa67c84a42	⊘ Running ⊕ ⊖	t3.medium	⊘ 3/3 checks passec	View alarms +	ap-south-1a

—

Select an instance

IAM | EC2 | S3 | VPC | Aurora and RDS | Elastic Kubernetes Service

Amazon Elastic Kubernetes Service > Clusters

Amazon Elastic Kubernetes Service

Dashboard New
Clusters

▼ **Settings**
Dashboard settings New
Console settings

▼ **Amazon EKS Anywhere**
Enterprise Subscriptions

▼ **Related services**
Amazon ECR
AWS Batch

Clusters (1) Info

Delete | Create cluster ▼

Q Filter clusters

< 1 >

	Cluster name ▲	Status ▼	Kubernetes version ▼	Support period ▼	Upgrade policy ▼	Created ▼	Provider ▼
○	wisecow-cluster	⊘ Active	1.32 Upgrade now	ⓘ Standard support until March 23, 2026	Extended support	2 hours ago	EKS

IAM | EC2 | S3 | VPC | Aurora and RDS | Elastic Kubernetes Service

Amazon ECR > Private registry > Repositories

Amazon Elastic Container Registry ‹

▼ **Private registry**

Repositories

Features & Settings

▼ **Public registry**

Repositories

Settings

ECR public gallery ⬈

Private repositories (1)

View push commands Delete Actions ▼ **Create repository**

Q Search by repository substring

Repository name ▲	URI	Created at ▽	Tag immutability	Encryption type
○ wisecow-repo	730335385079.dkr.ecr.ap-south-1.amazonaws.com/wise cow-repo	October 26, 2025, 14:02:16 (UTC+05.5)	Mutable	AES-256

IAM 🔶 EC2 🪣 S3 🔵 VPC 🔷 Aurora and RDS 🔶 Elastic Kubernetes Service

☰ Amazon ECR ⟩ Private registry ⟩ Repositories ⟩ wisecow-repo

Amazon Elastic Container Registry ⟨

▼ **Private registry**

Repositories

 Summary

 Images

 Permissions

 Lifecycle Policy

 Repository tags

Features & Settings

▼ **Public registry**

Repositories

Settings

ECR public gallery ↗

Amazon ECS ↗

Images (2)

⟳ (Delete) (Details) (Scan) [**View push commands**]

🔍 Search artifacts

⟨ 1 ⟩ ⚙

☐	Image tag ▽	Artifact type	Pushed at ▽	Size (MB) ▽	Image URI	Digest	Last recorded pull time ▽
☐	e00f081	Image	October 27, 2025, 15:31:06 (UTC+05.5)	90.36	🗐 Copy URI	🗐 sha256:09e050def76263...	October 27, 2025, 15:31:30 (UTC+05.5)
☐	0d20eba	Image	October 27, 2025, 15:23:59 (UTC+05.5)	90.36	🗐 Copy URI	🗐 sha256:7a56183e81e3a0...	–

EC2
Virtual Servers in the Cloud

EC2   ‹

Dashboard

AWS Global View ↗

Events

▼ **Instances**

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Load balancers (1)

Elastic Load Balancing scales your load balancer capacity automatically in response to changes in incoming traffic.

🔄 (Actions ▾) **Create load balancer** ▾

🔍 Filter load balancers

‹ 1 › ⚙

☐	Name ▽	State ▽	Type ▽	Scheme ▽	IP address type ▽	VPC ID ↗ ▽	Availability Zones
☐	a81408bda952141129...	–	classic	–	–	vpc-0ced74c916e128eb6	3 Availability Zones

```
sande@dell MINGW64 /e/DevOps-Projects/wisecow-Assignment/k8s
$ kubectl get all
NAME                                          READY   STATUS    RESTARTS   AGE
pod/wisecow-deployment-6fb565dd94-b9tkx       1/1     Running   0          34m
pod/wisecow-deployment-6fb565dd94-wpddt       1/1     Running   0          34m

NAME                        TYPE        CLUSTER-IP       EXTERNAL-IP   PORT(S)    AGE
service/kubernetes          ClusterIP   10.100.0.1       <none>        443/TCP    122m
service/wisecow-service     ClusterIP   10.100.202.49    <none>        80/TCP     34m

NAME                                   READY   UP-TO-DATE   AVAILABLE   AGE
deployment.apps/wisecow-deployment     2/2     2            2           34m

NAME                                              DESIRED   CURRENT   READY   AGE
replicaset.apps/wisecow-deployment-6fb565dd94     2         2         2       34m
```

```
sande@dell MINGW64 /e/DevOps-Projects/wisecow-Assignment/k8s
$ kubectl get ing
NAME             CLASS   HOSTS              ADDRESS                                                                      PORTS     AGE
wisecow-ingress  nginx   wisecowapp.local   a81408bda952141129184c16c0ae9778-1986357302.ap-south-1.elb.amazonaws.com   80, 443   34m
```

✅ **Update ci-cd.yaml** #20

Re-run all jobs · · ·

⌂ Summary

Jobs

✅ build-and-deploy

Run details

⏱ Usage

⌦ Workflow file

build-and-deploy
succeeded 35 minutes ago in 1m 3s

🔍 Search logs

› ✅ Set up job	1s
› ✅ Checkout code	1s
› ✅ Configure AWS credentials	1s
› ✅ Login to Amazon ECR	3s
› ✅ Build, tag, and push Docker image to ECR	28s
› ✅ Update kubeconfig for EKS	1s
› ✅ Install NGINX Ingress Controller	19s
› ✅ Replace image in deployment.yaml and apply manifests	6s
› ✅ Post Login to Amazon ECR	0s
› ✅ Post Configure AWS credentials	0s
› ✅ Post Checkout code	1s
› ✅ Complete job	0s

```
 _____
/ The Priest's grey nimbus in a niche  \
| where he dressed discreetly. I will not |
| sleep here tonight. Home also I cannot |
| go. A voice, sweetened and sustained,  |
| called to him from the sea. Turning the |
| curve he waved his hand. A sleek brown |
| head, a seal's, far out on the water,  |
| round. Usurper. -- James Joyce,        |
\ "Ulysses"                              /
 ------------------------------------
        \   ^__^
         \  (oo)_____
            (__)\       )\/\
                ||----w |
                ||     ||
```

```
sande@dell MINGW64 /e/DevOps-Projects/wisecow-Assignment/k8s
$ kubectl logs -n kubearmor -l app=kubearmor-5xlwq --tail=100 | grep -i "policy"
No resources found in kubearmor namespace.

sande@dell MINGW64 /e/DevOps-Projects/wisecow-Assignment/k8s
$ POD=$(kubectl get pods -l app=wisecow -o jsonpath='{.items[0].metadata.name}')

kubectl exec -it $POD -- sh -c "echo hacked > /etc/testfile"
sh: 1: cannot create /etc/testfile: Permission denied
command terminated with exit code 2

sande@dell MINGW64 /e/DevOps-Projects/wisecow-Assignment/k8s
$ kubectl get pods -n kubearmor --show-labels
NAME                                    READY   STATUS    RESTARTS   AGE    LABELS
kubearmor-5xlwq                         1/1     Running   0          44m    controller-revision-hash=bbc8c5cb8,kubearmor-app=kubearmor,pod-template-generation=1
kubearmor-controller-58f46954bd-jflhx   1/1     Running   0          44m    kubearmor-app=kubearmor-controller,pod-template-hash=58f46954bd
kubearmor-n5zrt                         1/1     Running   0          44m    controller-revision-hash=bbc8c5cb8,kubearmor-app=kubearmor,pod-template-generation=1
kubearmor-relay-7d6d6ddf8f-4t6sd        1/1     Running   0          44m    kubearmor-app=kubearmor-relay,pod-template-hash=7d6d6ddf8f

sande@dell MINGW64 /e/DevOps-Projects/wisecow-Assignment/k8s
$ kubectl logs -n kubearmor -l app=kubearmor-app --tail=100 | grep -i "policy"
No resources found in kubearmor namespace.

sande@dell MINGW64 /e/DevOps-Projects/wisecow-Assignment/k8s
$ kubectl logs -n kubearmor -l kubearmor-app=kubearmor --tail=100 | grep -i "policy"
Defaulted container "kubearmor" out of: kubearmor, init (init)
Defaulted container "kubearmor" out of: kubearmor, init (init)
2025-10-27 10:15:51.185758   INFO   Detected a Security Policy (added/default/wisecow-zero-trust)
2025-10-27 10:15:51.185812   WARN   Policy cannot be enforced in untracked namespace kubearmor
2025-10-27 10:22:59.924880   INFO   Detected a Security Policy (modified/default/wisecow-zero-trust)
2025-10-27 10:22:59.924934   WARN   Policy cannot be enforced in untracked namespace kubearmor
2025-10-27 10:15:51.185602   INFO   Detected a Security Policy (added/default/wisecow-zero-trust)
2025-10-27 10:15:51.185657   WARN   Policy cannot be enforced in untracked namespace kubearmor
2025-10-27 10:22:59.924675   INFO   Detected a Security Policy (modified/default/wisecow-zero-trust)
2025-10-27 10:22:59.924724   WARN   Policy cannot be enforced in untracked namespace kubearmor
```