

screenshot of AWS CodeBuild pipeline:

Developer Tools > CodeBuild > Build projects > Coworking2

Coworking2

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

Configuration

Source provider GitHub	Primary repository ianmack-byte/cd12355-microservices-aws-kubernetes-project-starter	Artifacts upload location -	Service role arn:aws:iam::048249218523:role/service-role/codebuild-Coworking2-service-role
Public builds Disabled			

Build history Batch history Project details Build triggers Metrics

Build history

Stop build View artifacts View logs Delete builds Retry build

Build run	Status	Build number	Source version	Submitter	Duration	Completed
Coworking2:8d5b6294-2504-493b-a524-c6a091f66708	Succeeded	16	-	voclabs/user3696269=0318043a-e895-4445-857c-b7e16b73d414	37 seconds	31 minutes ago
Coworking2:15b7cb16-5ae9-4cc0-978d-ad5e8837fd63	Succeeded	15	-	voclabs/user3696269=0318043a-e895-4445-857c-b7e16b73d414	42 seconds	4 days ago
Coworking2:67c95ffe-cf55-47c4-9458-8023cecf8a7d	Failed	14	-	voclabs/user3696269=0318043a-e895-4445-857c-b7e16b73d414	28 seconds	4 days ago
Coworking2:1fb1d05e-				voclabs/user3696269=0318		

screenshot of AWS ECR repository for the application's repository.

Amazon ECR > Private registry > Repositories > coworking-checkin

amazon Elastic Container Registry

Private registry

Repositories

Summary Images Permissions Lifecycle Policy Repository tags Features & Settings

Image scan overview, status, and full vulnerabilities are now displayed in the Image detail page. To access, click an image tag.

Images (2)

Search artefacts

Image tag	Artifact type	Pushed at	Size (MB)	Image URI	Digest
0.0.1	Image	22 February 2025, 14:46:21 (UTC-00)	33.34	Copy URI	sha256:e52d743a5e9bdd4c9acd879137907...
-	Image	18 February 2025, 13:19:57 (UTC-00)	33.34	Copy URI	sha256:2b68f05c61bbb5e6bb0343316d4d8...

screenshot of running the kubectl get svc command.:

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

bash - deployment

```
deployment root$
deployment root$
deployment root$
deployment root$
deployment root$
deployment root$
deployment root$
deployment root$ kubectl get svc
```

NAME	TYPE	CLUSTER-IP	EXTERNAL-IP	PORT(S)	AGE
coworking	LoadBalancer	10.100.26.63	a0e72d0e8ff2340abbe0aee50a68fd9e-1113603749.us-east-1.elb.amazonaws.com	5153:31256/TCP	83m
kubernetes	ClusterIP	10.100.0.1	<none>	443/TCP	103m
postgresql-service	ClusterIP	10.100.22.170	<none>	5432/TCP	93m

kubectl get pods:

```
deployment root$ kubectl get pods
```

NAME	READY	STATUS	RESTARTS	AGE
coworking-f9f8fc848-qrmw4	0/1	Running	0	8m53s
postgresql-688c5c767c-kg4z9	1/1	Running	0	49m

kubectl describe svc:

```
Error from server (NotFound): services "svc" not found
● deployment root$ kubectl describe svc postgresql-service
Name:                postgresql-service
Namespace:           default
Labels:              <none>
Annotations:         <none>
Selector:            app=postgresql
Type:               ClusterIP
IP Family Policy:    SingleStack
IP Families:         IPv4
IP:                 10.100.22.170
IPs:                10.100.22.170
Port:               <unset> 5432/TCP
TargetPort:         5432/TCP
Endpoints:          192.168.61.43:5432
Session Affinity:    None
Events:             <none>
○ deployment root$
```

kubectl describe deployment coworking:

```
● deployment root$ kubectl describe deployment coworking
Name:                coworking
Namespace:           default
CreationTimestamp:    Sat, 22 Feb 2025 15:11:19 +0000
Labels:              name=coworking
Annotations:         deployment.kubernetes.io/revision: 1
Selector:            service=coworking
Replicas:            1 desired | 1 updated | 1 total | 0 available | 1 unavailable
StrategyType:        RollingUpdate
MinReadySeconds:     0
RollingUpdateStrategy: 25% max unavailable, 25% max surge
Pod Template:
  Labels:  service=coworking
  Containers:
    coworking:
      Image:   048249218523.dkr.ecr.us-east-1.amazonaws.com/coworking-checkin:0.0.1
      Port:   <none>
      Host Port: <none>
      Liveness: http-get http://:5153/health_check delay=5s timeout=2s period=10s #success=1 #failure=3
      Readiness: http-get http://:5153/readiness_check delay=5s timeout=5s period=10s #success=1 #failure=3
      Environment Variables from:
        my-postgres-db-password  Secret  Optional: false
        my-postgres-db-configmap  ConfigMap Optional: false
      Environment:
      Mounts:
      Volumes:
Conditions:
  Type           Status  Reason
  ----           -
  Available      False   MinimumReplicasUnavailable
  Progressing    False   ProgressDeadlineExceeded
OldReplicaSets: <none>
NewReplicaSet:  coworking-f9f8fc848 (1/1 replicas created)
Events:
  Type    Reason             Age    From                      Message
  ----    -
  Normal  ScalingReplicaSet  11m    deployment-controller     Scaled up replica set coworking-f9f8fc848 to 1
○ deployment root$
```

screenshot of AWS CloudWatch Container Insights logs for the application.

/aws/containerinsights/coworking/application

ActionsView in Logs InsightsStart tailing

▼ Log group details

Log class
Standard

ARN
arn:aws:logs:us-east-1:048249218523:log-group:/aws/containerinsights/coworking/application:

Creation time
43 minutes ago

Retention
Never expire

Stored bytes
-

Metric filters
0

Subscription filters
0

Contributor Insights rules
-

KMS key ID
-

Anomaly detection
Configure

Data protection
-

Sensitive data count
-

Field indexes
Configure

Transformer
Configure

Log streamsTagsAnomaly detectionMetric filtersSubscription filtersContributor InsightsData protectionField indexesTransformer

Log streams (4)

Filter log streams or try prefix searchExact matchShow expiredInfo

Log stream

Last event time

ip-192-168-63-228.ec2.internal-application.var.log.containers.coworking-f9f8fc848-qrwrm4_default_coworking-dd6

2025-02-22 15:11:29 (UTC)

ip-192-168-63-228.ec2.internal-application.var.log.containers.cloudwatch-agent-6rcgb_amazon-cloudwatch_otc-co

2025-02-22 14:53:44 (UTC)

ip-192-168-63-228.ec2.internal-application.var.log.containers.fluent-bit-gl4gb_amazon-cloudwatch_fluent-bit-0a6C

2025-02-22 14:41:32 (UTC)

ip-192-168-63-228.ec2.internal-application.var.log.containers.amazon-cloudwatch-observability-controller-manaq

2025-02-22 14:41:29 (UTC)