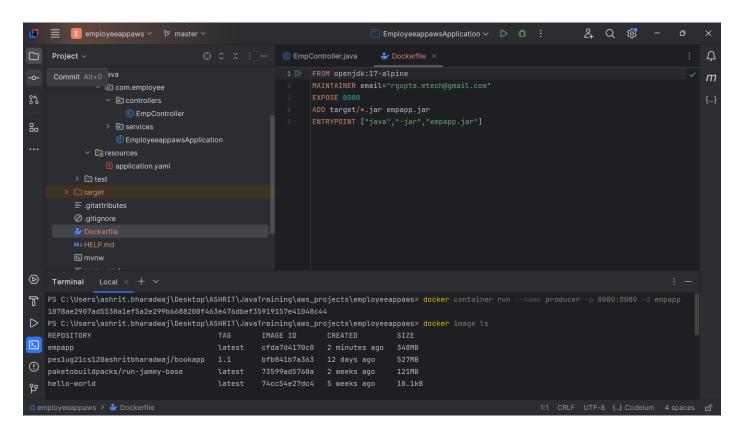
Lab Assignment 7



Push commands for empapp

X

macOS / Linux

Windows

Make sure that you have the latest version of the AWS CLI and Docker installed. For more information, see Getting Started with Amazon ECR [2].

Use the following steps to authenticate and push an image to your repository. For additional registry authentication methods, including the Amazon ECR credential helper, see Registry Authentication .

1. Retrieve an authentication token and authenticate your Docker client to your registry. Use the AWS CLI:

aws ecr get-login-password --region ap-south-1 | docker login --username AWS --password-stdin 396608797955.dk r.ecr.ap-south-1.amazonaws.com

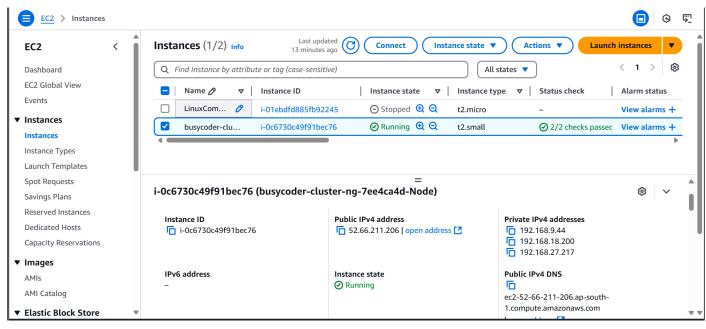
Note: If you receive an error using the AWS CLI, make sure that you have the latest version of the AWS CLI and Docker installed.

- 2. Build your Docker image using the following command. For information on building a Docker file from scratch see the instructions here . You can skip this step if your image is already built:
 - docker build -t empapp .
- 3. After the build completes, tag your image so you can push the image to this repository:
 - docker tag empapp:latest 396608797955.dkr.ecr.ap-south-1.amazonaws.com/empapp:latest
- 4. Run the following command to push this image to your newly created AWS repository:
 - docker push 396608797955.dkr.ecr.ap-south-1.amazonaws.com/empapp:latest

```
SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 -/Desktop/ASHRIT/JavaTraining/aws
projects/employeeappaws (master)
Stocker tag empapp:latest 396608797955.dkr.ecr.ap-south-1.amazonaws.com/empapp:
latest

SCSGLOBAL+ashrit.bharadwaj@IN-18X3B54 MINGW64 -/Desktop/ASHRIT/JavaTraining/aws
projects/employeeappaws (master)
Stocker inauge ls
EMPOSITORY
TAG IMAGE ID
CREATED SIZE
The push refers to repository [396608797955.dkr.ecr.ap-south-1.amazonaws.com/empapp]
1828C565923a: Pushed
1828C565923a: Pushed
1847E1843843b2: Pushed
1836ace05bfd: P
```

```
Seksctl create cluster --iname busycoder-cluster --version 1.28 --nodes=1 --node-type=t2.small --region ap-south-1
2025-02-26 14:52:12 [ii] sksctl version 0.204.0
2025-02-26 14:52:12 [ii] skipping ap-south-1 selection because it doesn't support the following instance type(s): t2.small
2025-02-26 14:52:12 [ii] skipping ap-south-1a --public:192.168.0.0/19 private:192.168.0.0/19
2025-02-26 14:52:12 [ii] subnets for ap-south-1b --public:192.168.0.0/19
2025-02-26 14:52:12 [ii] using Kubernetes version 1.28
2025-02-26 14:52:12 [ii] vsing Kubernetes version 1.28
2025-02-26 14:52:12 [ii] default addons metrics-server, vpc-cni, kube-proxy, coredns were not specified, will install them as EKS addons
2025-02-26 14:52:12 [iii] default addons metrics-server, vpc-cni, kube-proxy, coredns were not specified, will install them as EKS addons
2025-02-26 14:52:12 [iii] default addons metrics-server, vpc-cni, kube-proxy, coredns were not specified, will install them as EKS addons
2 sequential sub-tasks: {
2 sequential sub-tasks: {
1 task: { create addons }
3 task: { create addons }
4 task: { create addons }
5 task: { create addons |
3 task: { create addons |
4 task: { create addons |
5 task: { create addons |
7 task: { create addons |
8 task: { create addons |
9 task: { create addons |
1 task: { create addons |
1 task: { create addons |
2 task: { create addons |
3 task: { create addons |
3 task: { create addons |
3 task: { create addons |
4 task: { create addons |
5 task: { create addons |
5 task: { create addons |
5 task: { create
```



```
← C ▲ Not secure | ae6ddab47cdf14e65b20bc7a6370dd54-676854035 ap-south-1.elb.amazonaws.com/emps A ☆ ① 中 た … も mp v4: xh4tl
```

```
Skubectl delete -f 2-service.yaml
deployment.apps "empapp-deploy" deleted
service "empapp-service deleted

KSCSGLOBAL+ashrit.bharadwaj@IN-18X3854 MINGW64 ~/Desktop/ASHRIT/JavaTraining/aws_projects/employeeappaws/k8s (master)

$ eksectl delete cluster busycoder-cluster
2025-02-26 15:37:18 [ii] starting parallel draining, max in-flight of 1
2025-02-26 15:37:18 [iii] starting parallel draining, max in-flight of 1
2025-02-26 15:37:12 [iv] deleted 0 Fargate profile(s)
2025-02-26 15:37:21 [iv] starting parallel draining, max in-flight of 1
2025-02-26 15:37:21 [iv] starting parallel draining, max in-flight of 1
2025-02-26 15:37:21 [iv] starting parallel draining, max in-flight of 1
2025-02-26 15:37:21 [iv] starting parallel draining, max in-flight of 1
2025-02-26 15:37:21 [iv] starting parallel draining, max in-flight of 1
2025-02-26 15:37:21 [iv] starting parallel draining, max in-flight of 1
2025-02-26 15:37:21 [iv] starting parallel draining, max in-flight of 1
2025-02-26 15:37:21 [iv] subconfig has been updated
2025-02-26 15:37:21 [iv] starting parallel draining, max in-flight of 1
2025-02-26 15:37:25 [iv] subconfig has been updated
2025-02-26 15:37:25 [iv] starting parallel draining, max in-flight of 1
2025-02-26 15:37:25 [iv] subconfig has been updated
2025-02-26 15:37:25 [iv] starting parallel draining, max in-flight of 1
2025-02-26 15:37:25 [iv] subconfig has been updated
2025-02-26 15:37:25 [iv] starting parallel draining, max in-flight of 1
2025-02-26 15:37:25 [iv] subconfig has been updated
2025-0
```