

DEVOPS TASK – 5

```

Activities Terminal Mar 22 09:40
root@Ubuntu2: /home/karthyayeni

The "docker" driver should not be used with root privileges. If you wish to
continue as root, use --force.
If you are running minikube within a VM, consider using --driver=none:
https://minikube.sigs.k8s.io/docs/reference/drivers/none/
Tip: To remove this root owned cluster, run: sudo minikube delete

The requested memory allocation of 1967MiB does not leave room for system ov
erhead (total system memory: 1967MiB). You may face stability issues.
Suggestion: Start minikube with less memory allocated: 'minikube start --mem
ory=1967mb'

Starting "minikube" primary control-plane node in "minikube" cluster
Pulling base image v0.0.46 ...
Restarting existing docker container for "minikube" ...
Preparing Kubernetes v1.32.0 on Docker 27.4.1 ...
Verifying Kubernetes components...
  Using image gcr.io/k8s-minikube/storage-provisioner:v5
Enabled addons: default-storageclass, storage-provisioner
Done! kubectl is now configured to use "minikube" cluster and "default" name
space by default
root@Ubuntu2:/home/karthyayeni# nano deployment.yaml
root@Ubuntu2:/home/karthyayeni# kubectl create -f deployment.yaml
deployment.apps/java-maven created
root@Ubuntu2:/home/karthyayeni#

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Activities Terminal Mar 22 09:14
root@Ubuntu2: /home/karthyayeni

karthyayeni@Ubuntu2:~$ su --
Password:
root@Ubuntu2:/home/karthyayeni# docker images
REPOSITORY          TAG         IMAGE ID      CREATED        SIZE
karthyayeni/java-maven  latest     64b6a6ad5cde  18 hours ago  563MB
karthyayeni/ecommerce  latest     a7a181611fad  2 days ago    195MB
karthyayeni/kavya      2         4fd2a29ab149  2 days ago    149MB
gcr.io/k8s-minikube/kicbase v0.0.46    e72c4cbe9b29  2 months ago  1.31GB
root@Ubuntu2:/home/karthyayeni#

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root@Ubuntu2:/home/karthayayeni# nano deployment.yaml
root@Ubuntu2:/home/karthayayeni# kubectl create -f deployment.yaml
root@Ubuntu2:/home/karthayayeni# kubectl expose deployment java-maven --port=8080 --type=NodePort
service/java-maven exposed
root@Ubuntu2:/home/karthayayeni# kubectl get services
```

NAME	TYPE	CLUSTER-IP	EXTERNAL-IP	PORT(S)	AGE
java-maven	NodePort	10.110.226.189	<none>	8080:31072/TCP	13s
kubernetes	ClusterIP	10.96.0.1	<none>	443/TCP	43h
nginx-deployment	NodePort	10.104.22.54	<none>	80:32042/TCP	40h
react-ecommerce-service	NodePort	10.111.146.25	<none>	80:30007/TCP	43h

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root@Ubuntu2:/home/karthayayeni#
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Activities

Terminal

Mar 22 13:47

ImagePullBackOff x

Inbox (1,781) - karti x

Dashboard [Jenkins x

PetClinic :: a Spring x

Docker Hub x

root@Ubuntu2:/home/karthayayeni

dc19d1b007ba: Layer already exists

5f70bf18a086: Layer already exists

6fbdf02a6a33: Layer already exists

49cb1bc2daeb: Layer already exists

4e5b554b7345: Layer already exists

39cf0ac89a5a: Layer already exists

f844dcf94898: Layer already exists

3359bc3d7a6a: Layer already exists

4b7c01ed0534: Layer already exists

latest: digest: sha256:acda50aa3e0c38d7e3f6f5e8dcc395ff1de7833bae226d72299d9918aa41d95

c size: 2413

root@Ubuntu2:/home/karthayayeni# kubectl get pods

NAME	READY	STATUS	RESTARTS	AGE
java-maven-bb78b8b4c-4kgbv	1/1	Running	0	157m
java-maven-bb78b8b4c-pqt5r	1/1	Running	0	157m
java-maven-bb78b8b4c-xzw5z	1/1	Running	0	157m
nginx-deployment-5db9468-9t2zg	1/1	Running	3 (149m ago)	44h
nginx-deployment-5db9468-jsdsz	1/1	Running	3 (149m ago)	44h
nginx-deployment-5db9468-k94bp	1/1	Running	3 (149m ago)	45h
nginx-deployment-5db9468-pscfw	1/1	Running	4 (149m ago)	45h
nginx-deployment-5db9468-wln2n	1/1	Running	3 (149m ago)	45h
react-ecommerce-59947785fd-9wv9d	1/1	Running	7 (140m ago)	46h
react-ecommerce-59947785fd-txbr2	1/1	Running	6 (149m ago)	46h

root@Ubuntu2:/home/karthayayeni#

Storage

karthayayeni/kavya

3 days ago

IMAGE

Public

1-3 of 3

Activities Terminal Mar 22 13:48

ImagePullBackOff x Inbox (1,781) - karth Dashboard [Jenkins x PetClinic :: a Spring x Docker Hub x

root@Ubuntu2: /home/karthayeni

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nginx-deployment-5db9468-jsdsz 1/1 Running 3 (149m ago) 44h
nginx-deployment-5db9468-k94bp 1/1 Running 3 (149m ago) 45h
nginx-deployment-5db9468-pscfw 1/1 Running 4 (149m ago) 45h
nginx-deployment-5db9468-wln2n 1/1 Running 3 (149m ago) 45h
react-ecommerce-59947785fd-9wv9d 1/1 Running 7 (140m ago) 46h
react-ecommerce-59947785fd-txbr2 1/1 Running 6 (149m ago) 46h
root@Ubuntu2: /home/karthayeni# kubectl create -f deployment.yaml
Error from server (AlreadyExists): error when creating "deployment.yaml": deployments.apps "java-maven" already exists
root@Ubuntu2: /home/karthayeni# kubectl expose deployment java-maven --port=8080 --type=NodePort
Error from server (AlreadyExists): services "java-maven" already exists
root@Ubuntu2: /home/karthayeni# kubectl get services
```

NAME	TYPE	CLUSTER-IP	EXTERNAL-IP	PORT(S)
java-maven	NodePort	10.110.226.189	<none>	8080:31072/TCP
kubernetes	ClusterIP	10.96.0.1	<none>	443/TCP
nginx-deployment	NodePort	10.104.22.54	<none>	80:32042/TCP
react-ecommerce-service	NodePort	10.111.146.25	<none>	80:30007/TCP

root@Ubuntu2: /home/karthayeni#

Storage


karthayeni/kavya	3 days ago	IMAGE	Public
1-3 of 3			

Activities Firefox Web Browser Mar 22 14:00


ImagePullBack x Inbox (1,781) x Dashboard [Jen x PetClinic :: a Sp x Docker Hub x PetClinic :: a Sp x

192.168.49.2:31072



qcewcwcdcdwcdw

spring  HOME FIND OWNERS VETERINARIANS ERROR

???welcome Aranganathan 79998wdd???



Help

 spring 


```
1b359cf]
Apply complete! Resources: 1 added, 0 changed, 0 destroyed.
root@Ubuntu2:/home/karthyayeni/terraform# ls
local.tf  pets.txt  terraform.tfstate
root@Ubuntu2:/home/karthyayeni/terraform#
```

Activities Firefox Web Browser Mar 21 15:28

Check Terraform Version x (no subject) - karthyayeni x spring-framework-petclinic x Java #6 Console [Jenkins x +

localhost:8080/job/Java/6/console 110%

Jenkins

Karthyayeni log out

Board > Java > #6

Status Changes Console Output Edit Build Information Delete build '#6' Timings Git Build Data Pipeline Overview Pipeline Console Restart from Stage Replay Pipeline Steps

Console Output

Download Copy View as plain text

Skipping 98 KB. [Full Log](#)

```
Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-15/plexus-15.pom
Progress (1): 4.1/28 kB
Progress (1): 8.2/28 kB
Progress (1): 12/28 kB
Progress (1): 16/28 kB
Progress (1): 20/28 kB
Progress (1): 25/28 kB
Progress (1): 28 kB

Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-15/plexus-15.pom (28 kB at 206 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/maven-surefire-common/3.2.3/maven-surefire-common-3.2.3.jar
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-api/3.2.3/surefire-api-3.2.3.jar
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/
```

Activities Firefox Web Browser Mar 22 14:41

ImagePullBackOff Troubl x (no subject) - karthyayeni x Devops-Tools-Setup/pro x Docker Hub x +

https://hub.docker.com/repositories/karthyayeni

New Introducing our new CEO Don Johnson - Read More →

dockerhub Explore My Hub Search Docker Hub Ctrl+K

karthyayeni Docker Personal

Repositories Settings Default privacy Notifications Billing Usage Pulls Storage

Repositories

All repositories within the karthyayeni namespace.

Search by repository name All content Create a repository

Name	Last Pushed ↑	Contains	Visibility	Scout
karthyayeni/java-maven	about 1 hour ago	IMAGE	Public	Inactive
karthyayeni/ecommerce	2 days ago	IMAGE	Public	Inactive
karthyayeni/kavya	3 days ago	IMAGE	Public	Inactive

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