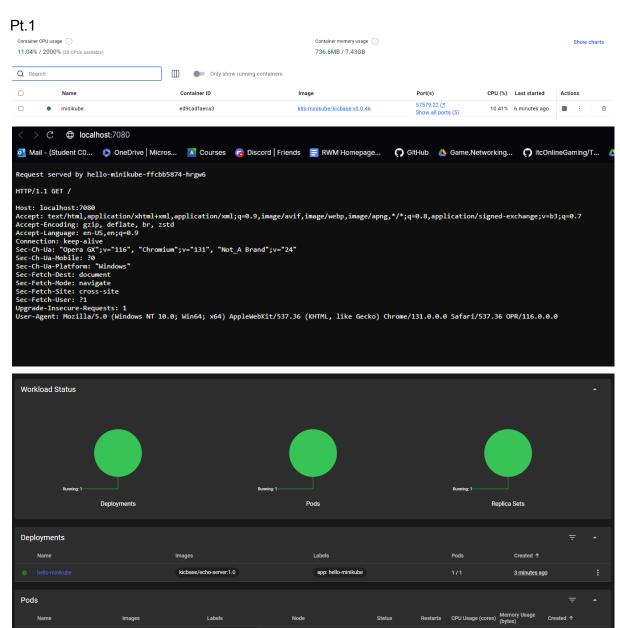
MiniKube Lab 3



3 minutes ago

app: hello-minikube

pod-template-hash: ffcbb5874

Pt2.

```
C:\Users\gameuser>curl http://localhost:8001/version
{
   "major": "1",
   "minor": "32",
   "gitVersion": "v1.32.0",
   "gitCommit": "70d3cc986aa8221cd1dfb1121852688902d3bf53",
   "gitTreeState": "clean",
   "buildDate": "2024-12-11T17:59:15Z",
   "goVersion": "go1.23.3",
   "compiler": "gc",
   "platform": "linux/amd64"
}
C:\Users\gameuser>_
```

Pt3

Pt4.

```
C:\Users\gameuser>kubectl get pods -l version=v1
NAME
                                       READY
                                               STATUS
                                                         RESTARTS
                                                                     AGE
kubernetes-bootcamp-9bc58d867-2fjcm
                                       1/1
                                               Running
                                                                     20m
C:\Users\gameuser>kubectl delete service -l app=kubernetes-bootcamp
service "kubernetes-bootcamp" deleted
C:\Users\gameuser>kubectl get services
             TYPE
                         CLUSTER-IP
                                       EXTERNAL-IP
                                                     PORT(S)
                                                                AGE
kubernetes
                         10.96.0.1
             ClusterIP
                                                     443/TCP
                                       <none>
                                                                20m
```

Pt5

```
C:\Users\gameuser>curl http://127.0.0.1:58775

Hello Kubernetes bootcamp! | Running on: kubernetes-bootcamp-9bc58d867-xrbp7 | v=1

C:\Users\gameuser>curl http://127.0.0.1:58775

Hello Kubernetes bootcamp! | Running on: kubernetes-bootcamp-9bc58d867-2fjcm | v=1

C:\Users\gameuser>curl http://127.0.0.1:58775

Hello Kubernetes bootcamp! | Running on: kubernetes-bootcamp-9bc58d867-xrbp7 | v=1

C:\Users\gameuser>curl http://127.0.0.1:58775

Hello Kubernetes bootcamp! | Running on: kubernetes-bootcamp-9bc58d867-rlnz6 | v=1

C:\Users\gameuser>
```

| Deploy | ployments | | | | | Ŧ | * |
|--------|-----------|--|--------------------------|------|----------------|---|---|
| Nar | me | Images | Labels | Pods | Created ↑ | | |
| kub | | gcr.io/google-samples/kubernetes-bootcamp:v1 | app: kubernetes-bootcamp | 4/4 | 37 minutes ago | | ÷ |

```
C:\Users\gameuser>kubectl scale deployments/kubernetes-bootcamp --replicas=2
deployment.apps/kubernetes-bootcamp scaled
C:\Users\gameuser>kubectl get deployments
NAME READY UP-TO-DATE
kubernetes-bootcamp 2/2 2
                                                                   AVAILABLE AGE
| STATUS | RESTARTS | Running | 1 (6m53s ago) | Terminating | 1 (6m53s ago) | Terminating | 1 (6m53s ago) | Terminating | 1 (6m53s ago) |
                                                                                                                                   IP
10.244.0.11
10.244.0.9
10.244.0.7
10.244.0.10
                                                                                                                           AGE
38m
13m
13m
13m
                                                                                                                                                           NODE
minikube
                                                                                                                                                                              NOMINATED NODE
                                                                                                                                                                                                         READINESS GATES
                                                                                                                                                                             <none>
                                                                                                                                                                                                         <none>
                                                                                                                                                           minikube
minikube
                                                                                                                                                                             <none>
                                                                                                                                                                                                         <none>
                                                                                                                                                            minikube
                                                                                                                                                                              <none>
                                                                                                                                                                                                          <none>
C:\Users\gameuser>
```

Pt6:

```
C:\Users\gameuser>describe services/kubernetes-bootcamp
'describe' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\gameuser>curl http://127.0.0.1:58775
Hello Kubernetes bootcamp! | Running on: kubernetes-bootcamp-5c4f7cb664-csp8g | v=2

C:\Users\gameuser>kubectl set image deployments/kubernetes-bootcamp kubernetes-bootcamp=gcr.io/google-samples/kubernetes-bootcamp:v10
deployment.apps/kubernetes-bootcamp image updated

C:\Users\gameuser>kubectl rollout undo deployments/kubernetes-bootcamp
deployment.apps/kubernetes-bootcamp rolled back

C:\Users\gameuser>kubectl get pods

NAME

READY STATUS RESTARTS AGE
kubernetes-bootcamp-5c4f7cb664-bcswx 1/1 Running 0 86s
kubernetes-bootcamp-5c4f7cb664-csp8g 1/1 Running 0 83s
```

| Pod | s | | | | | | | | ₹ | |
|-----|------|--|---|----------|---------|----------|-------------------|-------------------------|---------------|---|
| | Name | Images | Labels | Node | Status | Restarts | CPU Usage (cores) | Memory Usage (bytes) | Created ↑ | |
| | | docker.io/jocatalin/kubernetes- bootcamp:v2 | app: kubernetes-bootcamp pod-template-hash: 5c4f7cb66 4 | minikube | Running | | | | 2.minutes.ago | i |
| | | docker.io/jocatalin/kubernetes- bootcamp:v2 | app: kubernetes-bootcamp pod-template-hash: 5c4f7cb66 4 | minikube | Running | | | | 2.minutes.ago | ÷ |