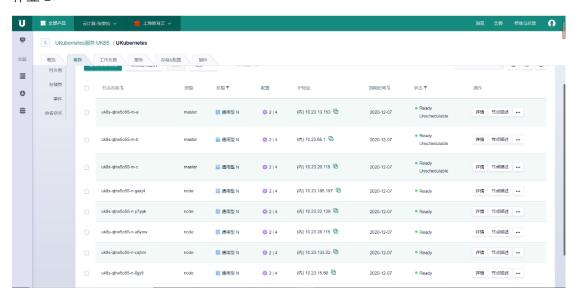# 实验八报告

作业 1:

作业 2:

```
[root@10-23-142-223 .kube]# vim config
[root@10-23-142-223 .kube]# kubectl version -o json
{
  "clientVersion": {
    "major": "1",
    "minor": "19",
    "gitVersion": "v1.19.0",
    "gitCommit": "e19964183377d0ec2052d1f1fa930c4d7575bd50",
    "gitTreeState": "clean",
    "buildDate": "2020-08-26T14:30:33Z",
    "goVersion": "go1.15",
    "compiler": "gc",
    "platform": "linux/amd64"
  },
  "serverVersion": {
    "major": "1",
    "minor": "18",
    "gitVersion": "v1.18.9",
    "gitCommit": "94f372e501c973a7fa9eb40ec9ebd2fe7ca69848",
    "gitTreeState": "clean",
    "buildDate": "2020-09-16T13:47:43Z",
    "goVersion": "go1.13.15",
    "compiler": "gc",
    "platform": "linux/amd64"
  }
}
[root@10-23-142-223 .kube]# 
```

作业 3:

```
[root@10-23-142-223 ~]# curl http://localhost:8001/api/v1/namespaces/default/pods/$
POD_NAME/proxy/
<a href="/api/v1/namespaces/default/pods/proxy/">Moved Permanently</a>.
```

作业 4:

```
[root@10-23-142-223 ~]# kubectl scale deployments/webapp --replicas=10
deployment.apps/webapp scaled
[root@10-23-142-223 ~]# kubectl get pods -o wide
NAME                          READY   STATUS             RESTARTS   AGE      IP
    NODE            NOMINATED NODE   READINESS GATES
webapp-59f9597fb6-468cw       0/1     ContainerCreating  0          4s       <none>
    10.23.133.22    <none>           <none>
webapp-59f9597fb6-9znb9       0/1     ContainerCreating  0          4s       <none>
    10.23.133.22    <none>           <none>
webapp-59f9597fb6-lq8qm       0/1     ContainerCreating  0          4s       <none>
    10.23.15.60     <none>           <none>
webapp-59f9597fb6-mvc5w       0/1     ContainerCreating  0          4s       <none>
    10.23.15.60     <none>           <none>
webapp-59f9597fb6-nzj9d       0/1     ContainerCreating  0          4s       <none>
    10.23.28.116    <none>           <none>
webapp-59f9597fb6-p2tvn       0/1     ContainerCreating  0          4s       <none>
    10.23.133.22    <none>           <none>
webapp-59f9597fb6-q8ct2       0/1     ContainerCreating  0          4s       <none>
    10.23.28.116    <none>           <none>
webapp-59f9597fb6-wn424       0/1     ContainerCreating  0          4s       <none>
    10.23.22.129    <none>           <none>
webapp-59f9597fb6-xh9rc       1/1     Running            0          6m58s    10.23.7.25
4   10.23.28.116    <none>
webapp-59f9597fb6-zwbj4       0/1     ContainerCreating  0          4s       <none>
    10.23.15.60     <none>           <none>
```

作业 5:

```
[root@10-23-142-223 ~]# kubectl get services
NAME         TYPE           CLUSTER-IP      EXTERNAL-IP      PORT(S)        AGE
kubernetes   ClusterIP      172.17.0.1      <none>           443/TCP        22m
webapp       LoadBalancer   172.17.65.69    113.31.126.246   80:34341/TCP   15s
```

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Hello Docker!

This is being served from a **docker** container running Nginx.