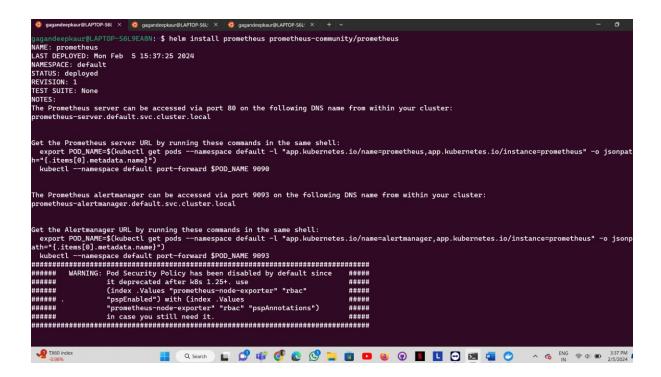
Lab – 5 Gagandeep Kaur (101503702)



```
deepkaur@LAPTOP-S6L9EA8N:~$ kubectl get pods
                                                           READY
                                                                    STATUS
                                                                               RESTARTS
                                                                                                 AGE
dapp-5f85856bf7-njpzn
                                                                    Running
                                                           1/1
                                                                                 (9m7s ago)
                                                                                                 6d19h
                                                                               1
                                                                    Running
ganache-7b4c86b4c5-t9hzj
                                                           1/1
1/1
                                                                                 (9m10s ago)
                                                                                                 6d20h
                                                                               1
grafana-5fbf87bf74-wjfgk
                                                                    Running
                                                                               0
                                                                                                 5m51 <
                                                           1/1
                                                                    Running
kubectl-pod1
                                                                                 (9m8s ago)
                                                                                                 6d18h
                                                           0/1
                                                                                                 6d19h
load-generator
                                                                    Error
                                                           1/1
mongo-express-deployment-b88f6d45f-2zctr
                                                                    Running
                                                                               3
                                                                                 (3m38s ago)
                                                                                                 14d
mongodb-stateful-set-0
                                                           1/1
                                                                    Running
                                                                               2
                                                                                 (9m11s ago)
                                                                                                 14d
                                                                    Running
                                                           1/1
mongodb-stateful-set-1
                                                                                 (9m10s ago)
                                                                               2
                                                                                                 14d
                                                           1/1
1/1
nginx
                                                                    Running
                                                                                 (9m13s ago)
                                                                                                 6d18h
                                                                                 (9m19s ago)
nginx-deployment-584fbb974d-c4sqb
                                                                    Running
                                                                                                 14d
                                                                    Running
nginx-deployment-584fbb974d-pw2qs
                                                           1/1
                                                                                 (9m20s ago)
                                                                                                 14d
nginx-deployment-584fbb974d-v5847
                                                           1/1
                                                                    Running
                                                                               8
                                                                                 (9m16s ago)
                                                                                                 14d
                                                           1/1
                                                                    Running
                                                                                 (9m14s ago)
nginx-nhlqb
                                                                                                 14d
                                                                               2
                                                           1/1
1/1
                                                                    Running
note-deployment-74cc946cd8-2r4fw
note-deployment-74cc946cd8-zp4pc
                                                                                 (9m14s ago)
                                                                                                 14d
                                                                                 (9m18s ago)
                                                                    Running
                                                                               2
                                                                                                 14d
note-server-deployment-6fb5fcb67f-2knvx
                                                           1/1
                                                                    Running
                                                                                 (9m8s ago)
                                                                                                 14d
                                                           1/1
                                                                    Running
note-server-deployment-6fb5fcb67f-j7m9d
                                                                                 (9m8s ago)
                                                                                                 14d
                                                                                                 5m56s
prometheus-alertmanager-0
                                                           1/1
                                                                    Running
prometheus-kube-state-metrics-745b475957-r2q6v
                                                           1/1
                                                                    Running
                                                                               0
                                                                                                 5m57s
                                                           1/1
prometheus-prometheus-node-exporter-x2wcj
                                                                    Running
                                                                                                 5m57s
                                                                               Θ
prometheus-prometheus-pushgateway-6ccd698d79-b8p4p
                                                           1/1
                                                                    Running
                                                                               Θ
                                                                                                 5m57s
                                                           2/2
prometheus-server-5c99dfc547-mmqps
                                                                    Running
                                                                               0
                                                                                                 5m57s
react-95c5d68df-vc9qv
                                                           1/1
                                                                    Running
                                                                                 (9m19s ago)
                                                                                                 6d19h
                                                           0/1
web-0
                                                                    Pendina
                                                                                                 14d
gagandeepkaur@LAPTOP-S6L9EA8N:~$
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gagandeepkaur@LAPTOP-S6L9EA8N: $ kubectl get svc
NAME
                                                                      EXTERNAL-IP
                                                     CLUSTER-IP
                                                                                    PORT(S)
                                                                                                     AGE
dapp
                                      ClusterIP
                                                     10.107.242.203
                                                                                                     6d20h
                                                                      <none>
                                                                                    4000/TCP
ganache
                                      ClusterIP
                                                     10.106.71.165
                                                                      <none>
                                                                                    8545/TCP
                                                                                                     6d20h
                                      ClusterIP
                                                     10.100.108.56
                                                                                    80/TCP
                                                                                                     6m20s
                                                                      <none>
                                                     10.96.0.1
10.109.7.225
10.109.43.119
kubernetes
                                      ClusterIP
                                                                                    443/TCP
                                                                                                     14d
                                                                      <none>
                                                                      127.0.0.1
mongo-express-service
mongodb-service
                                                                                    8081:30877/TCP
                                      LoadBalancer
                                                                                                     1 Ud
                                      ClusterTP
                                                                      <none>
                                                                                    27017/TCP
                                                                                                     14d
                                      ClusterIP
                                                                                    80/TCP
                                                                                                     14d
nginx
                                                     None
                                                                      <none>
                                                     10.108.232.72
                                                                                    5000/TCP
note-server-service
                                      ClusterIP
                                                                      <none>
note-service
                                      LoadBalancer
                                                     10.99.78.167
                                                                      127.0.0.1
                                                                                    3000:31211/TCP
                                                                                                     14d
prometheus-alertmanager
                                      ClusterIP
                                                     10.105.18.171
                                                                      <none>
                                                                                    9093/TCP
                                                                                                     6m28s
prometheus-alertmanager-headless
                                      ClusterIP
                                                     None
                                                                      <none>
                                                                                    9093/TCP
                                                                                                     6m28s
prometheus-kube-state-metrics
                                                     10.109.11.233
                                      ClusterIP
                                                                                    8080/TCP
                                                                      <none>
                                                                                                     6m28s
prometheus-prometheus-node-exporter
                                      ClusterIP
                                                     10.106.252.218
                                                                                    9100/TCP
                                                                                                     6m28s
                                                                      <none>
                                                     10.109.177.196
                                                                                                     6m28s
prometheus-prometheus-pushgateway
                                      ClusterIP
                                                                      <none>
                                                                                    9091/TCP
prometheus-server
                                      ClusterIP
                                                     10.97.117.14
                                                                                                     6m28s
                                                                                    80/TCP
                                                                                    3001:30570/TCP
react
                                      LoadBalancer
                                                     10.108.85.157
                                                                      127.0.0.1
                                                                                                    6d20h
gagandeepkaur@LAPTOP-S6L9EA8N:~$
                                    Q. Search 🔲 🗗 💕 🤣 🧔 🔞 🔁 📵 🔼 😉 💮 🚻 🚨 😂
        kaur@LAPTOP-56L9EA8N: $ kubectl expose service prometheus-server --type=NodePort --target-port=9090 --name=prometheus-server-ext
service/prometheus-server-ext exposed
gagandeepkaur@LAPTOP-S6L9EA8N:-$ kubectl port-forward prometheus-server-5c99dfc547-mmqps 9090
Forwarding from 127.0.0.1:9090 -> 9090
Forwarding from [::1]:9090 -> 9090
                          ggandeepkaur@LAPTOP-S6L9EA8N:~$ kubectl port-forward prometheus-alertmanager-0 9093
Forwarding from 127.0.0.1:9093 -> 9093
Forwarding from [::1]:9093 -> 9093
```

