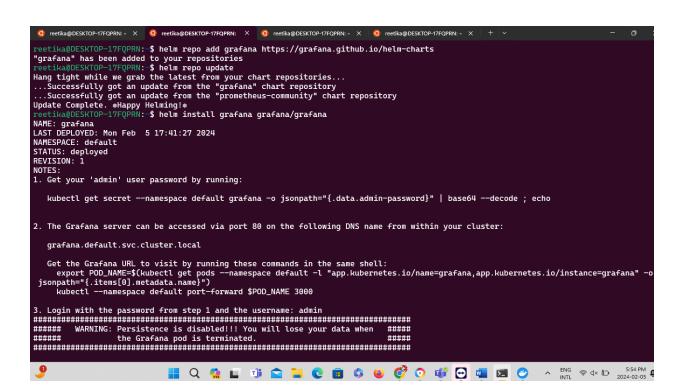
Lab - 5

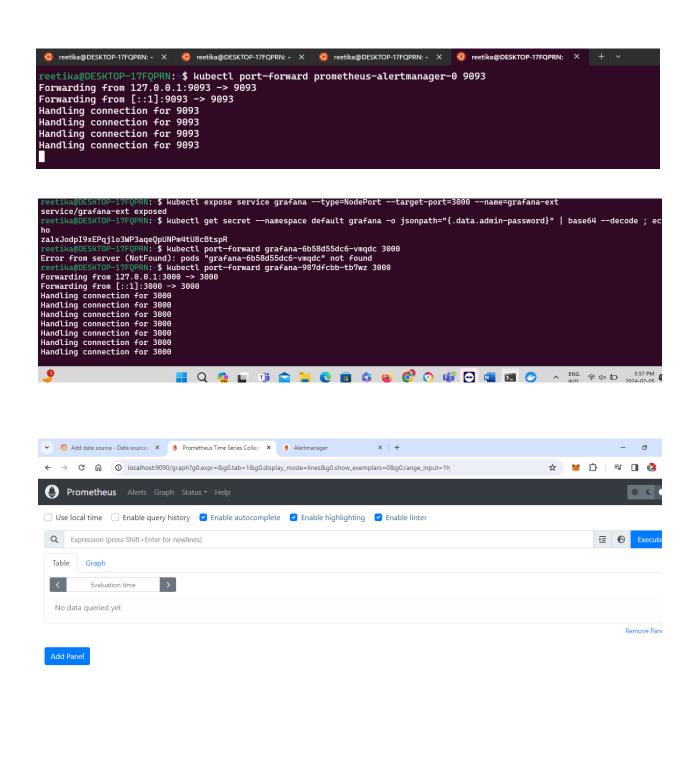
Reetika (101496084)



```
ika@DESKTOP-17FQPRN:~$ kubectl get pods
                                                                                READY
                                                                                                                                   AGE
7d19h
11d
NAME
                                                                                           STATUS
                                                                                                           RESTARTS
dapp-5f85856bf7-glfht
                                                                                                          1 (17m ago)
2 (17m ago)
1 (17m ago)
1 (17m ago)
                                                                                           Running
                                                                                demo-pod
ganache-7b4c86b4c5-cm6hd
ganache-7b4c86b4c5-qmxbb
grafana-987dfcbb-tb7wz
                                                                                            Running
                                                                                                                                   7d19h
                                                                                            Running
                                                                                            Running
                                                                                                                                   7d20h
                                                                                                                                   6m50s
                                                                                           Running
kubectl-pod1
                                                                                            Running
                                                                                                           1 (17m ago)
                                                                                                                                   7d18h
                                                                                                          4 (12m ago)
3 (17m ago)
3 (17m ago)
17 (17m ago)
mongo-express-deployment-b88f6d45f-hnvth
                                                                                            Running
                                                                                                                                   14d
mongodb-stateful-set-0
mongodb-stateful-set-1
                                                                                           Running
                                                                                                                                   14d
                                                                                           Running
                                                                                                                                   14d
my-pod
nginx-deployment-584fbb974d-4ktcp
nginx-deployment-584fbb974d-dfr8p
nginx-deployment-584fbb974d-lrlpf
                                                                                                                                   10d
                                                                                            Running
                                                                                           Running
                                                                                                                                   16d
                                                                                                          5 (17m ago)
5 (17m ago)
5 (17m ago)
4 (17m ago)
                                                                                                                                   16d
                                                                                           Running
                                                                                            Running
                                                                                                                                   16d
                                                                                            Running
                                                                                                                                   17d
note-deployment-74cc946cd8-25gfq
note-deployment-74cc946cd8-2t56b
                                                                                1/1
1/1
1/1
1/1
1/1
1/1
1/1
                                                                                           Running
                                                                                                                                   14d
                                                                                                                                   14d
                                                                                           Running
note-server-deployment-6fb5fcb67f-txvrh
                                                                                                                                   14d
                                                                                            Running
                                                                                                              (9m16s ago)
note-server-deployment-6fb5fcb67f-wnnb4
                                                                                            Running
                                                                                                              (17m ago)
                                                                                                                                   14d
prometheus-alertmanager-0
                                                                                           Running
                                                                                                                                   7m31s
prometheus-kube-state-metrics-745b475957-2ml86
                                                                                                                                   7m35s
                                                                                           Running
                                                                                            Running
                                                                                                                                   7m35s
prometheus-prometheus-node-exporter-fbndl
prometheus-prometheus-pushgateway-6ccd698d79-mhf94
prometheus-server-5c99dfc547-vc8qs
react-95c5d68df-n2lg2
                                                                                           Running
                                                                                1/1
2/2
1/1
0/1
1/1
1/1
                                                                                                                                   7m35s
                                                                                                                                   7m35s
7d19h
17d
                                                                                           Running
                                                                                            Running
                                                                                                              (17m ago)
                                                                                            Pending
web-db44c7d4f-4x6nf
                                                                                           Running
                                                                                                           5 (17m ago)
                                                                                                                                   17d
web-db44c7d4f-csflf
web-db44c7d4f-hpqpw
                                                                                           Running
Running
                                                                                                                                   17d
17d
                                                                                                           5 (17m ago)
```

```
DESKTOP-17FOPRN:~$ kubectl get svo
                                                                                                                                 AGE
7d20h
NAME
                                                                    CLUSTER-IP
                                                                                          EXTERNAL-IP
                                                                                                           PORT(S)
                                                                    10.106.187.168
10.102.72.128
                                                                                                           4000/TCP
8545/TCP
dapp
ganache
                                                ClusterIP
                                                                                          <none>
                                                 ClusterIP
                                                                                                                                 7d20h
                                                                                          <none>
                                                                   10.102.72.128
10.99.74.71
10.96.0.1
10.96.71.190
10.107.163.164
10.107.135.176
10.111.85.249
10.104.28.104
grafana
kubernetes
                                                 ClusterIP
                                                                                          <none>
                                                                                                           80/TCP
                                                                                                                                 7m3s
                                                ClusterIP
LoadBalancer
                                                                                                           443/TCP
                                                                                          <none>
                                                                                                                                 17d
                                                                                          127.0.0.1
                                                                                                           8081:30095/TCP
mongo-express-service
                                                                                                                                 14d
mongodb-service
                                                 ClusterIP
                                                                                                            27017/TCP
                                                                                                                                 14d
nginx
                                                 ClusterIP
                                                                                          <none>
                                                                                                           80/TCP
                                                                                                                                 17d
                                                                                                           80/TCP
5000/TCP
3000:31749/TCP
9093/TCP
9093/TCP
note-server-service
                                                 ClusterIP
                                                                                                                                 14d
                                                                                          <none>
                                                 LoadBalancer
                                                                                          127.0.0.1
                                                                                                                                 14d
note-service
prometheus-alertmanager
prometheus-alertmanager-headless
                                                ClusterIP
                                                                                          <none>
                                                                                                                                 7m48s
                                                 ClusterIP
                                                                    None
10.96.42.146
                                                                                          <none>
                                                                                                                                 7m48s
prometheus-kube-state-metrics
                                                 ClusterIP
                                                                                          <none>
                                                                                                           8080/TCP
                                                                                                                                 7m48s
                                                                   10.101.14.254
10.105.80.148
10.108.218.74
10.97.187.183
prometheus-prometheus-node-exporter
                                                ClusterIP
                                                                                          <none>
                                                                                                           9100/TCP
9091/TCP
                                                                                                                                 7m48s
prometheus-prometheus-pushgateway prometheus-server
                                                ClusterIP
                                                                                                                                 7m48s
                                                                                          <none>
                                                 ClusterIP
                                                                                                           80/TCP
                                                                                          127.0.0.1
                                                                                                           3001:30901/TCP
                                                LoadBalancer
                                                                                                                                 7d20h
 reetika@DESKTOP-17FQPRN:~$
                                     1 Q 🦬 🔲 📆 🏠 📜 🥲 📵 🖒 🐞 💕 🐧 🔁 📆 🖸 📠 555 FM
```

```
reetika@DESKTOP-17FQPRN: $ kubectl expose service prometheus-server --type=NodePort --target-port=9090 --name=prometheus-server-ext service/prometheus-server-ext exposed reetika@DESKTOP-17FQPRN: $ kubectl port-forward prometheus-server-5c99dfc547-vc8qs 9090 Forwarding from 127.0.0.1:9090 -> 9090 Forwarding from [::1]:9090 -> 9090 Handling connection for 9090 Handling connection for 9090 Handling connection for 9090 Handling connection for 9090
```



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