Assignment2 Kubernetes

Tasks To Be Performed:

1. Use the previous deployment

2. Create a service of type NodePort for NGINX deployment

3. Check the NodePort service on a browser to verify

Step1: Creation of nodeport Manifest in Master Vm of kubernete

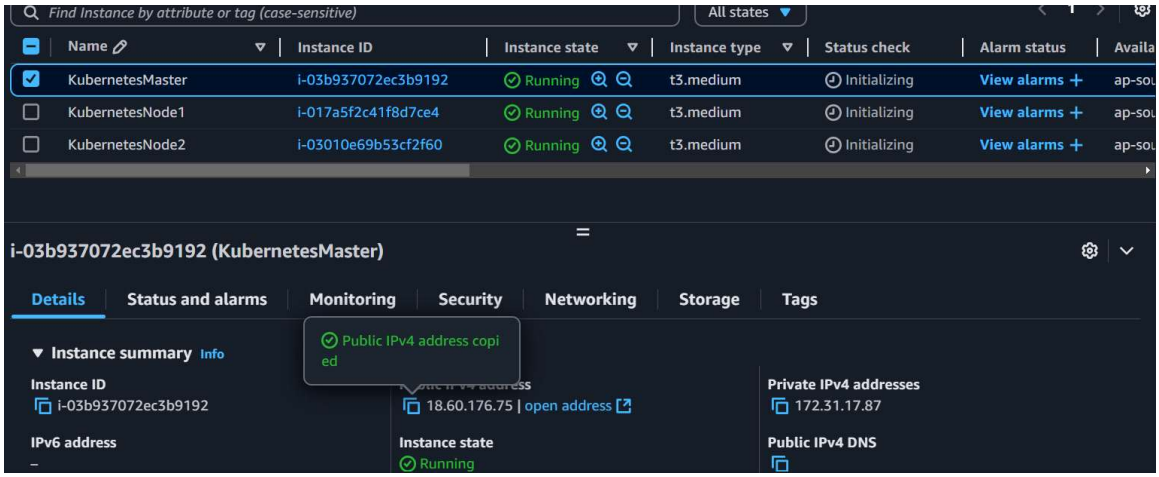
```
ubuntu@KubernetesMaster:~$ kubectl apply -f nodeport.yaml
service/nginx-service unchanged
ubuntu@KubernetesMaster:~$ cat nodeport.yaml
apiVersion: v1
kind: Service
metadata:
  name: nginx-service
spec:
  selector:
    app: nginx
  type: NodePort
  ports:
    - protocol: TCP
      port: 80
      targetPort: 80
      nodePort: 30080

ubuntu@KubernetesMaster:~$
```

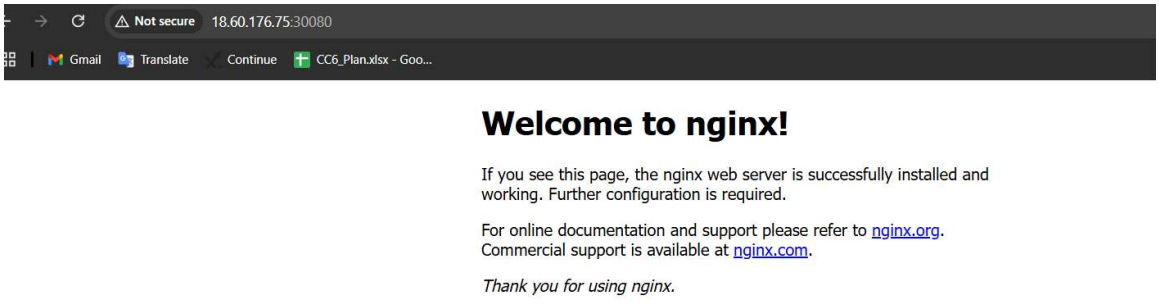
i-03b937072ec3b9192 (KubernetesMaster)

PublicIPs: 18.60.176.75 PrivateIPs: 172.31.17.87

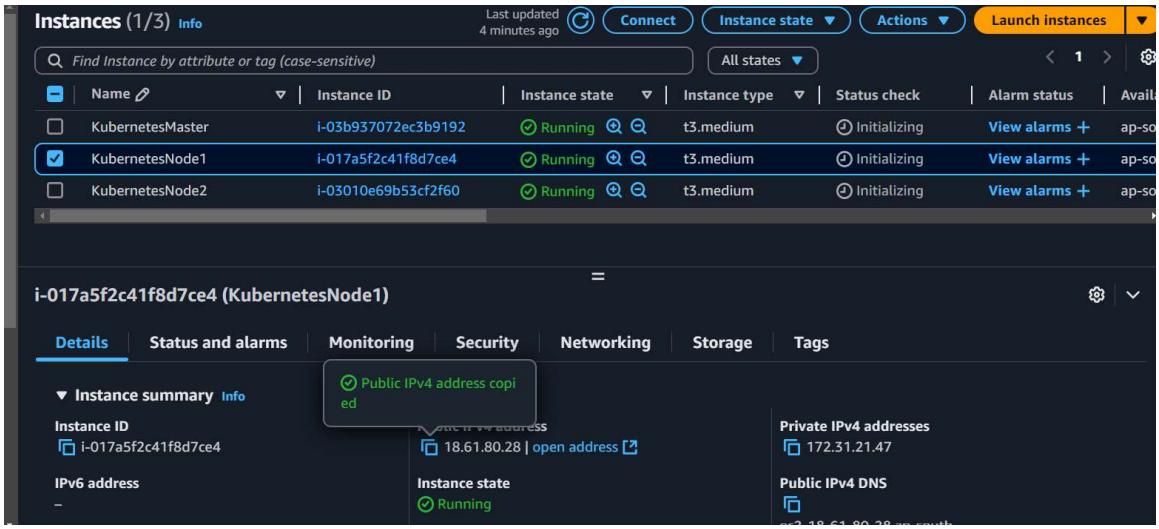
Step2: Our Manifest is ready and created Now let,s verify all the nodeports and main Vm



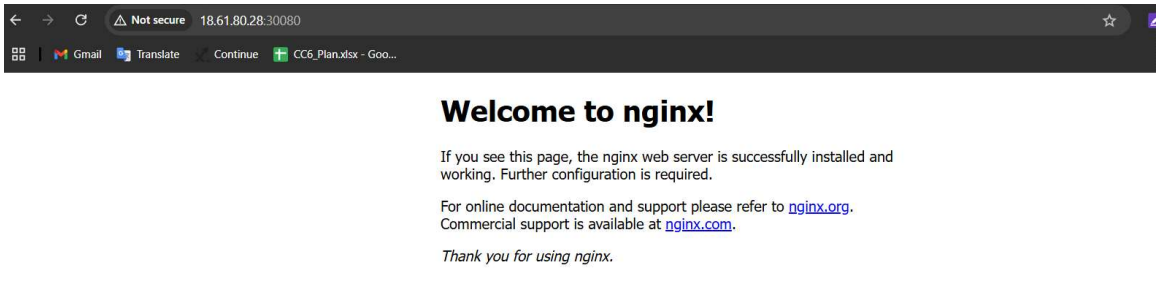
Our Master Vm is succesfully displayed the Nginx server.



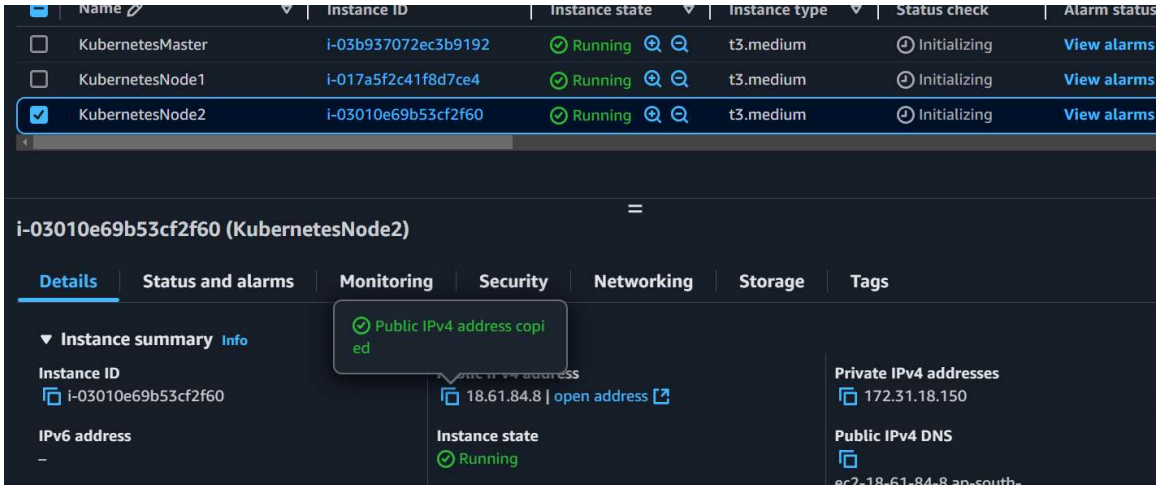
Nodeport1



And it is Successfully displayed the page.



Nodeport2



And our Nodeport2 is also successfully displayed the page.