

```
ubuntu@master: ~
ubuntu@node1: ~
ubuntu@node2: ~
GNU nano 7.2 ser.yml *
apiVersion: v1
kind: Service
metadata:
  name: nginx-service
spec:
  type: NodePort
  selector:
    app: nginx
  ports:
    - protocol: TCP
      port: 80
      targetPort: 80
      nodePort: 30007
```

```
ubuntu@master: ~
ubuntu@node1: ~
ubuntu@node2: ~
System information as of Tue Feb 25 19:21:49 UTC 2025

System load: 0.22          Processes:              157
Usage of /: 64.1% of 6.71GB Users logged in:             1
Memory usage: 41%          IPv4 address for enX0: 172.31.30.247
Swap usage: 0%

Expanded Security Maintenance for Applications is not enabled.

106 updates can be applied immediately.
38 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

Last login: Tue Feb 25 19:16:42 2025 from 152.59.240.219
ubuntu@master:~$ kubectl apply -f sample.yml
deployment.apps/nginx-deployment created
ubuntu@master:~$ kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
nginx-deployment-7c79c4bf97-c8hp4   1/1     Running   0           10s
nginx-deployment-7c79c4bf97-flrs4   1/1     Running   0           10s
nginx-deployment-7c79c4bf97-pcdrp   1/1     Running   0           10s
ubuntu@master:~$ nano ser.yml
ubuntu@master:~$ kubectl apply -f ser.yml
service/nginx-service created
ubuntu@master:~$
```

```
ubuntu@master: ~
Memory usage: 41%
Swap usage: 0%
IPv4 address for enX0: 172.31.30.247

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ubuntu@master:~$ nano ser.yml
ubuntu@master:~$ kubectl apply -f ser.yml
service/nginx-service created
ubuntu@master:~$ kubectl get service
NAME            TYPE        CLUSTER-IP   EXTERNAL-IP   PORT(S)          AGE
kubernetes      ClusterIP   10.96.0.1    <none>        443/TCP          5m50s
nginx-service   NodePort    10.102.130.31 <none>        80:30007/TCP     28s
ubuntu@master:~$
```



## Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to [nginx.org](https://nginx.org).  
Commercial support is available at [nginx.com](https://nginx.com).

*Thank you for using nginx.*