

```
app.yml > ! nginx.yml
1  apiVersion: apps/v1
2  kind: Deployment
3  metadata:
4    name: nginx-deployment-1
5    labels:
6      app: nginx
7  spec:
8    selector:
9      matchLabels:
10       app: nginx
11    template:
12      metadata:
13        labels:
14          app: nginx
15      spec:
16        containers:
17          - name: nginx
18            image: nginx:1.14.2
19            ports:
20              - containerPort: 80
21
```

```
---
apiVersion : v1
kind: Service
metadata:
  name : nginx-service
spec:
  type: NodePort
  selector:
    app: nginx
  ports:
    - port: 80
      targetPort: 80
      nodePort: 30007
```

```
PS C:\Users\keert\Documents\DEMO DOCKERS\app.yml> kubectl get svc
```

NAME	TYPE	CLUSTER-IP	EXTERNAL-IP	PORT(S)	AGE
kubernetes	ClusterIP	10.100.0.1	<none>	443/TCP	2d
nginx-service	NodePort	10.100.166.92	<none>	80:30007/TCP	45h

```
PS C:\Users\keert\Documents\DEMO DOCKERS\app.yml> kubectl get nodes --o wide
```

NAME	CONTAINER-RUNTIME	STATUS	ROLES	AGE	VERSION	INTERNAL-IP	EXTERNAL-IP	OS-IMAGE	KERNEL-VERSION
ip-172-31-10-143.ec2.internal	containerd://1.7.27	Ready	<none>	20h	v1.32.3-eks-473151a	172.31.10.143	3.220.174.227	Amazon Linux 2023.7.20250414	6.1.132-147.221
ip-172-31-38-187.ec2.internal	containerd://1.7.27	Ready	<none>	20h	v1.32.3-eks-473151a	172.31.38.187	3.81.140.195	Amazon Linux 2023.7.20250414	6.1.132-147.221

⚠ Not secure 3.220.174.227:30007

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.
Commercial support is available at nginx.com.

Thank you for using nginx.