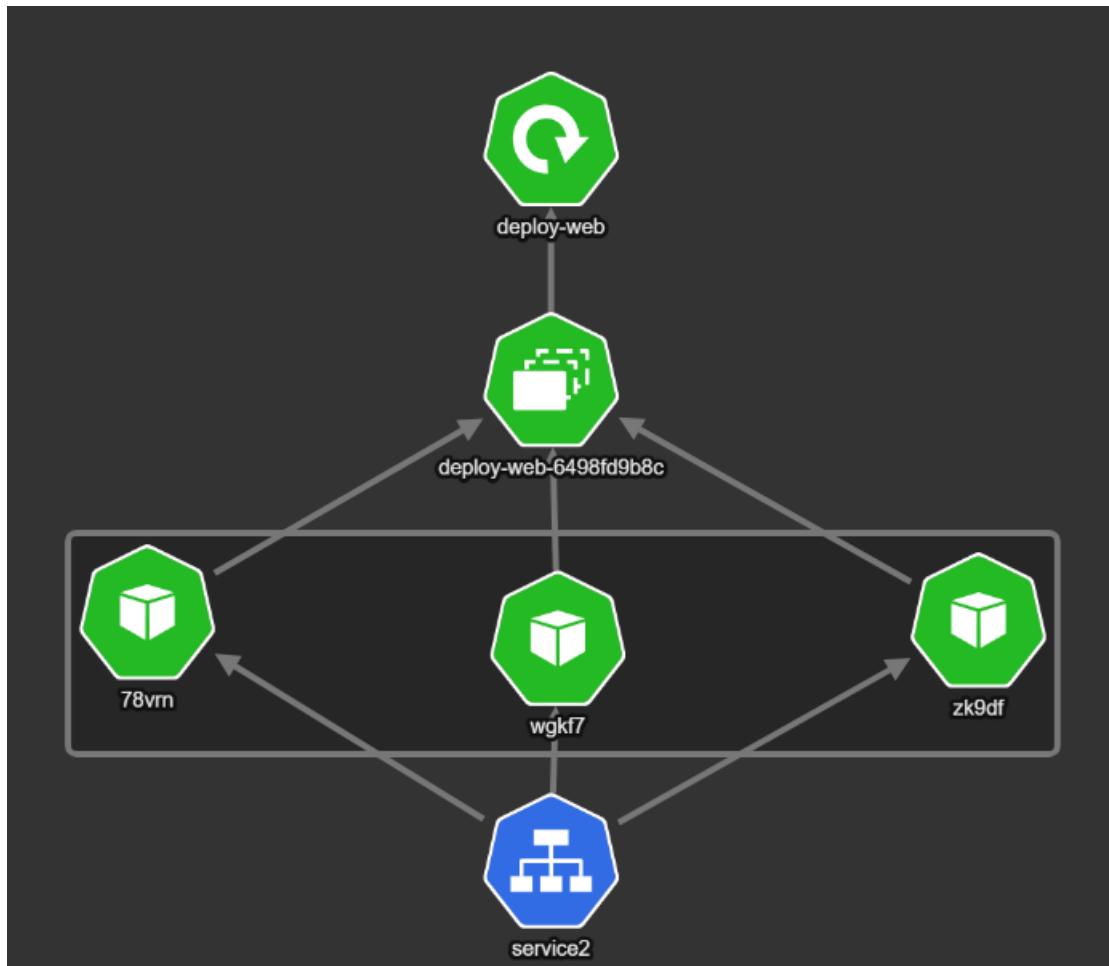
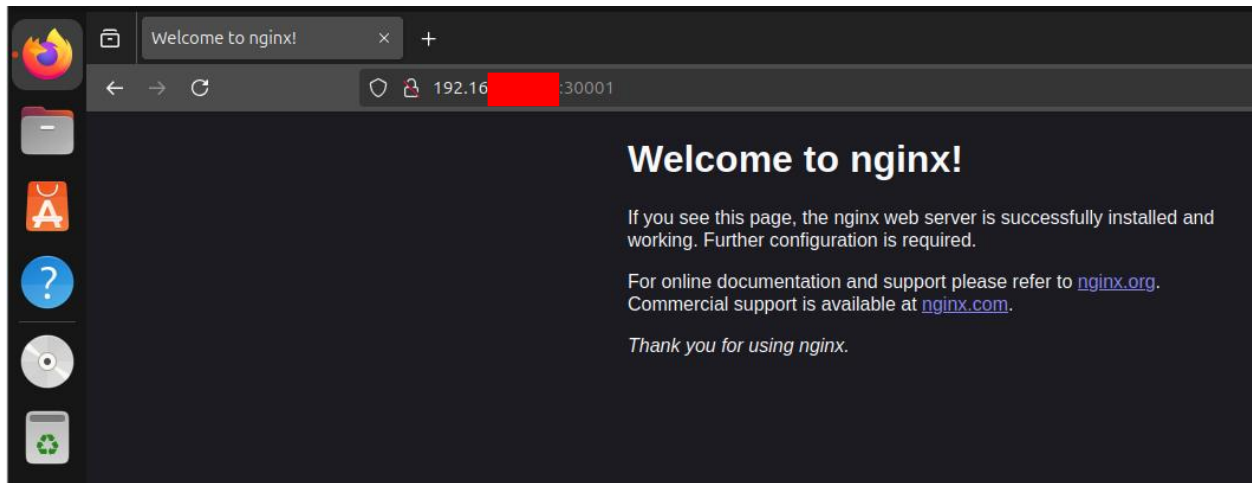


Deploy nginx Static website(nginx)



```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: deploy-web
spec:
  replicas: 3
  selector:
    matchLabels:
      app1: web1
  template:
    metadata:
      labels:
        app1: web1
    spec:
      containers:
        - name: nginx
          image: nginx
          ports:
            - containerPort: 80
```

```
adham@master:/adhank8s$ vim lb-static-web.yml
adham@master:/adhank8s$ 
adham@master:/adhank8s$ kubectl apply -f lb-static-web.yml
deployment.apps/deploy-web created
adham@master:/adhank8s$ 
adham@master:/adhank8s$ kubectl get pod -o wide
```

NAME	READY	STATUS	RESTARTS
EADINESS GATES			
deploy-web-6498fd9b8c-78vrn	1/1	Running	0
none>			
deploy-web-6498fd9b8c-wgkf7	1/1	Running	0
none>			
deploy-web-6498fd9b8c-zk9df	1/1	Running	0
none>			
kubeview-78dd597bd8-rskv8	1/1	Running	1 (16m ago)
none>			
nginx-pod	1/1	Running	1 (16m ago)
none>			
stat-webside	1/1	Running	1 (16m ago)
none>			

```
adham@node1:~$ kubectl get pod
```

NAME	READY	STATUS	RESTARTS	AGE
deploy-web-6498fd9b8c-78vrn	1/1	Running	0	49s
deploy-web-6498fd9b8c-wgkf7	1/1	Running	0	49s
deploy-web-6498fd9b8c-zk9df	1/1	Running	0	49s
kubeview-78dd597bd8-rskv8	1/1	Running	1 (16m ago)	23h
nginx-pod	1/1	Running	1 (16m ago)	25h
stat-website	1/1	Running	1 (16m ago)	25h

```

apiVersion: v1
kind: Service
metadata:
  name: service2
spec:
  selector:
    app1: web1
  type: NodePort
  ports:
    - protocol: TCP
      nodePort: 30001
      port: 8088
      targetPort: 80

```

```

adham@master:/adhamk8s$ vim service2.yml
adham@master:/adhamk8s$
adham@master:/adhamk8s$ kubectl apply -f service2.yml
service/service2 created
adham@master:/adhamk8s$
adham@master:/adhamk8s$ kubectl get svc

```

NAME	TYPE	CLUSTER-IP	EXTERNAL-IP	PORT(S)	AGE
kubernetes	ClusterIP	10.96.0.1	<none>	443/TCP	44h
kubeview	LoadBalancer	10.96.0.2	<pending>	80:31262/TCP	23h
service2	NodePort	10.107.0.1	<none>	8088:30001/TCP	14s
web-service	NodePort	10.108.0.1	<none>	4444:30000/TCP	25h