Static website(nginx)

Hello, World!

web-service

stat-website

stat-website
Pod
● Created: 12/17/2024, 7:05:27 PM

Labels
- **app:** web1

Status
- **phase:** Running
- **hostIP:** 192.168.
- **podIP:** 10.244.
- **podIPs:** [{ "ip": "10.244.
- **startTime:** 2024-12-17T19:05:27Z
- **ready:** True

Containers
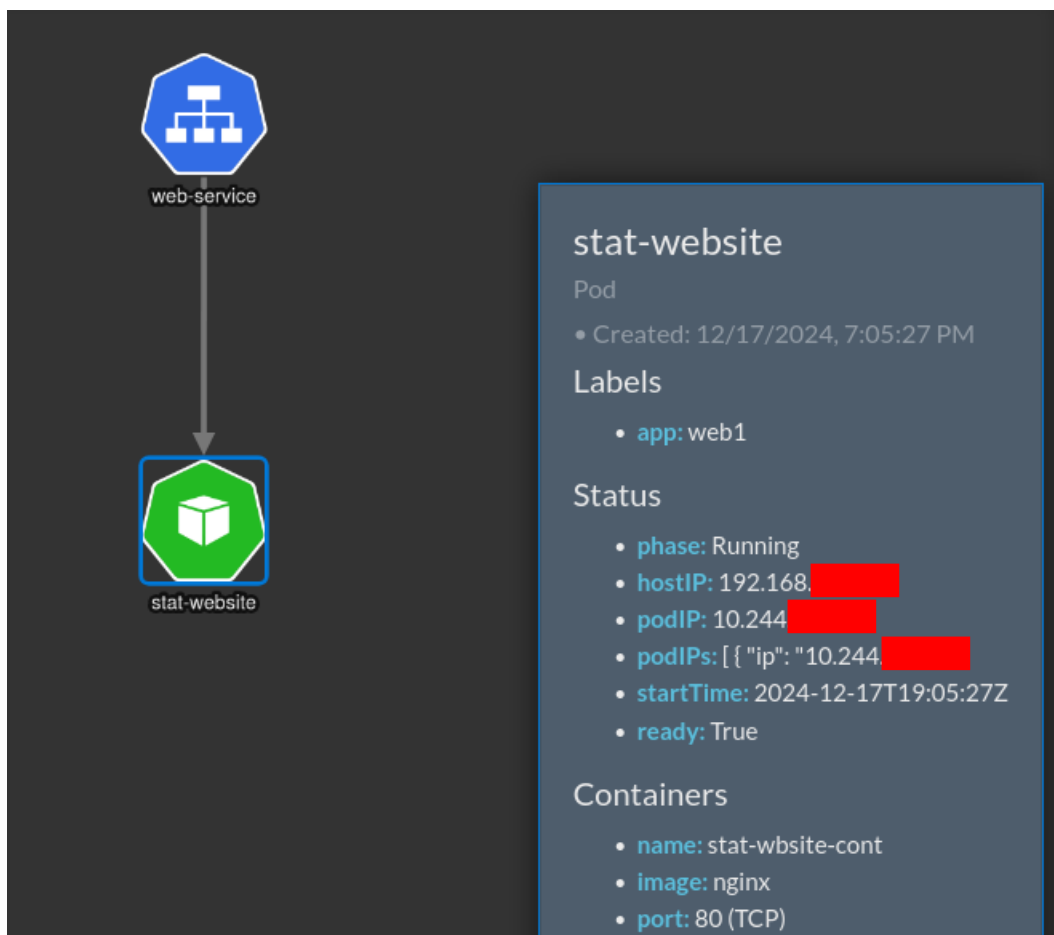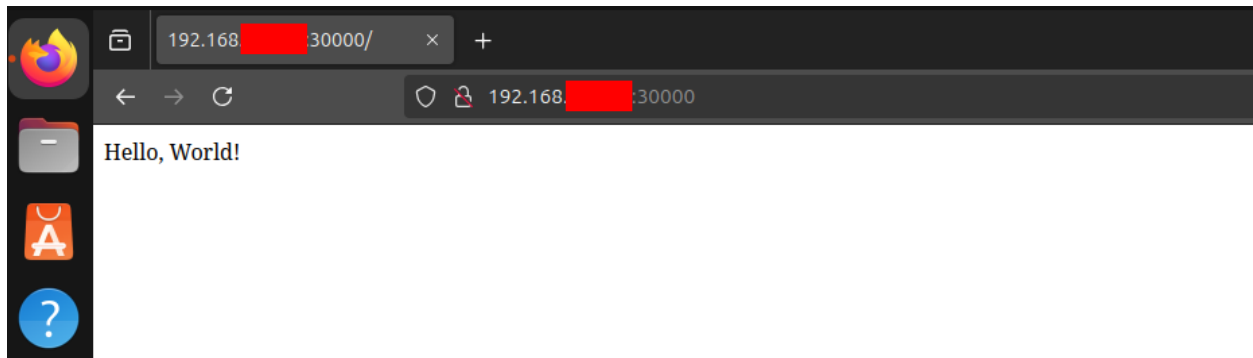- **name:** stat-wbsite-cont
- **image:** nginx
- **port:** 80 (TCP)

```
apiVersion: v1
kind: Pod
metadata:
  name: stat-website
  labels:
    app: web1
spec:
  containers:
    - name: stat-wbsite-cont
      image: nginx
      ports:
        - containerPort: 80
      volumeMounts:
        - name: web-vol
          mountPath: /usr/share/nginx/html
  volumes:
    - name: web-vol
      hostPath:
        path: /adhamk8s
        type: Directory

~
```

```
adham@master:/adhamk8s$ kubectl apply -f stat-website.yml
pod/stat-website configured
adham@master:/adhamk8s$ kubectl get pod -o wide
NAME            READY   STATUS    RESTARTS   AGE   IP          NODE    NOMINATED NODE   READINESS GA
TES
nginx-pod       1/1     Running   0          64m   10.244.     node1   <none>           <none>
stat-website    1/1     Running   0          30m   10.244.     node1   <none>           <none>
adham@master:/adhamk8s$
```

```yaml
apiVersion: v1
kind: Service
metadata:
  name: web-service
spec:
  selector:
    app: web1
  type: NodePort
  ports:
    - nodePort: 30000
      port: 4444
      targetPort: 80
```

```
adham@master:/adhamk8s$ kubectl apply -f service1.yml
service/web-service unchanged
adham@master:/adhamk8s$
adham@master:/adhamk8s$ kubectl get service -o wide
NAME          TYPE        CLUSTER-IP      EXTERNAL-IP   PORT(S)           AGE    SELECTOR
kubernetes    ClusterIP   10.96.0.        <none>        443/TCP           20h    <none>
web-service   NodePort    10.108.6        <none>        4444:30000/TCP    42m    app=web1
adham@master:/adhamk8s$
```