

[15] NodePort 部署

NodePort?

部署 应用 暴露 端口 给 外部 访问 的 方式

NodePort Service

- Create the service as type NodePort with port 32767 for the nginx pod with the pod selector app:webui
- 部署 环境: k8s

Reference

docs 部署 nodeport 部署 → Type Nodeport 部署

Service



```
[user@console ~]$ kubectl config use-context k8s
```

```
[user@console ~]$ kubectl get pod --selector app=webui
```

```
[user@console ~]$ vi myservice.yaml
```

docs 部署 部署 example 部署

```
apiVersion: v1
```

```
kind: Service
```

```
metadata:
```

```
name: my-service
spec:
  type: NodePort
  selector:
    app: webui
  ports:
    - port: 80
      targetPort: 80
      nodePort: 32767
```

:wq

```
[user@console ~]$ cat myservice.yaml
```

```
[user@console ~]$ kubectl apply -f myservice.yaml
```

```
[user@console ~]$ kubectl get services my-service
```

```
[user@console ~]$ kubectl get nodes
```

```
ready 1/1 1/1 1/1 1/1
```

```
# 1/1 1/1
```

```
[user@console ~]$ curl {node1}:32767
```

1/1 1/1 (63%)

Create and configure the service front-end-service so it's accessible through NodePort and routes to the existing pod named front-end.

- 1/1

```
kubectl expose pod front-end --name=front-end-service --port=80 --target-port=80 --type=NodePort
```

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