Lab: Exposing Applications using NodePort Services

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oot@AnushaKubernetes:~# cd ~/kubernetes
oot@AnushaKubernetes:~/kubernetes# nano service-pods.yml
oot@AnushaKubernetes:~/kubernetes# cat -n ~/kubernetes/service-po
            apiVersion: v1
kind: Pod
metadata:
name: firstpod
labels:
app: hello-world-app
                  containers:
    name: first
    image: "gcr.io/google-samples/hello-app:2.0"
            apiVersion: v1
kind: Pod
metadata:
            name: secondpod
  labels:
   app: hello-world-app
spec:
  20 containers:
21 - name: second
22 image: "gcr.io/google-samples/hello-app:2.0"
cot@AnushaKubernetes:~/kubernetes# kubectl apply -f ~/kubernetes/
 ♣ root@AnushaKubernetes: ~/kubernetes
   .ymi
at: /root/kubernetes/service-np.yml: No such file or directory
oot@AnushaKubernetes:~/kubernetes# nano service-np.yml
oot@AnushaKubernetes:~/kubernetes# cat -n ~/kubernetes/service-np
                type: NodePort
selector:
 7 selector:
8 app: hello-world-app
9 ports:
10 - protocol: TCP
11 port: 80
12 targetPort: 8080
13 nodePort: 30007
coot@AnushaKubernetes:~/kubernetes# kubectl apply -f ~/kubernetes
  service-np.yml
ervice/np-service created
oot@AnushaKubernetes:~/kubernetes# kubectl get service np-servic
  p-service NodePort 10.105.64.5 <none> 80:30007/TCP
  ooteanusmakubernetes:-/kubernetes# CLOSTER_IP=$(kubect1 get svc np-service -0 sonpath='(.spec.clusterIP)')
rror: flag needs an argument: 'o' in -0
ee 'kubect1 get -nelp' for usage.
oote@AnushaKubernetes:-/kubernetes# CLUSTER_IP=$(kubect1 get svc np-service -0 jsonpath='(.spec.clusterIP)')
oote@AnushaKubernetes:-/kubernetes# curl $CLUSTER_IP
utl: (28) Failed to connect to 10.105.64.5 port 80 after 135026 m
: Couldn't connect to server
  oot@AnushaKubernetes:~/kubernetes# ifconfig eth0 command 'ifconfig' not found, but can be installed with: pt install net-tools
   oot@AnushaKubernetes:~/kubernetes# ifconfig eth0
```

Q Search





