

## Lab 9

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Next →

How many Services exist on the system?  
In the current(default) namespace

3

0

4

2

```
Welcome to the KodeKloud Hands-On lab

All rights reserved

controlplane ~ → kubectl get service
NAME      TYPE      CLUSTER-IP    EXTERNAL-IP  PORT(S)    AGE
kubernetes ClusterIP    10.43.0.1      <none>        443/TCP     7m6s

controlplane ~ →
```

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Next →

What is the `targetPort` configured on the `kubernetes` service?

6443

8080

10.96.0.1

443

```
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controlplane ~ → kubectl get service
NAME      TYPE      CLUSTER-IP    EXTERNAL-IP  PORT(S)    AGE
kubernetes ClusterIP    10.43.0.1      <none>        443/TCP     7m6s

controlplane ~ →
```

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Next →

What is the `targetPort` configured on the `kubernetes` service?

6443

8080

10.96.0.1

```
kubernetes ClusterIP 10.43.0.1 <none>

controlplane ~ → kubectl describe service
Name:      kubernetes
Namespace: default
Labels:    component=apiserver
           provider=kubernetes
Annotations: <none>
Selector:  <none>
Type:      ClusterIP
IP Family Policy: SingleStack
IP Families: IPv4
IP: 10.43.0.1
IPs: 10.43.0.1
Port: https 443/TCP
TargetPort: 6443/TCP
Endpoints: 192.168.187.152:6443
```

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Next →

How many labels are configured on the `kubernetes` service?

1

2

Terminal 1

kubernetes ClusterIP 10.43.0.1 <none> 443/TCP 9m8s

`controlplane ~ → kubectl describe service`

Name: kubernetes

Namespace: default

Labels: component=apiserver, provider=kubernetes

Annotations: <none>

Selector: <none>

Type: ClusterIP

IP Family Policy: SingleStack

IP Families: IPv4

IP: 10.43.0.1

IPs: 10.43.0.1

Port: https 443/TCP

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Next →

How many Endpoints are attached on the `kubernetes` service?

1

0

3

Terminal 1

kubernetes ClusterIP 10.43.0.1 <none> 443/TCP

`controlplane ~ → kubectl describe service`

Name: kubernetes

Namespace: default

Labels: component=apiserver, provider=kubernetes

Annotations: <none>

Selector: <none>

Type: ClusterIP

IP Family Policy: SingleStack

IP Families: IPv4

IP: 10.43.0.1

IPs: 10.43.0.1

Port: https 443/TCP

TargetPort: 6443/TCP

Endpoints: 192.168.187.152:6443

Session Affinity: None

Internal Traffic Policy: Cluster

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Next →

How many Deployments exist on the system now?  
In the current(default) namespace

0

3

4

1

Terminal 1

Namespace: default

Labels: component=apiserver, provider=kubernetes

Annotations: <none>

Selector: <none>

Type: ClusterIP

IP Family Policy: SingleStack

IP Families: IPv4

IP: 10.43.0.1

IPs: 10.43.0.1

Port: https 443/TCP

TargetPort: 6443/TCP

Endpoints: 192.168.187.152:6443

Session Affinity: None

Internal Traffic Policy: Cluster

Events: <none>

`controlplane ~ → kubectl get deployments`

NAME	READY	UP-TO-DATE	AVAILABLE	AGE
simple-webapp-deployment	4/4	4	4	11s

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What is the image used to create the pods in the deployment?

kodekloud/simple-webapp:red

BUSYBOX-POD

BUSYBOX777

## BUSYBOX-CONTAINER

```
Internal Traffic Policy: Cluster
Events:                  <none>
```

```
controlplane ~ → kubectl get deployments
```

NAME	READY	UP-TO-DATE	AVAILABLE	AGE
simple-webapp-deployment	4/4	4	4	11s

```
controlplane ~ → kubectl get pods
```

NAME	READY	STATUS	RESTARTS	AGE
simple-webapp-deployment-8555484b96-7f18b	1/1	Running	0	45s
simple-webapp-deployment-8555484b96-n6vvt	1/1	Running	0	45s
simple-webapp-deployment-8555484b96-pt785	1/1	Running	0	45s
simple-webapp-deployment-8555484b96-wxtds	1/1	Running	0	45s

```
controlplane ~ → kubectl describe pod simple-webapp-deployment-8555484b96-7f18b | grep Image
Image:          kodekloud/simple-webapp:red
Image ID:       docker.io/kodekloud/simple-webapp@sha256:175ba08b89867d6df14c40b4544c1cfbb16ffff031a646dbcb98f20fb5d902
Normal         Pulled        65s             kubelet          Successfully pulled image "kodekloud/simple-webapp:red" in 2.335s (2.335s including waiting). Image size: 31739558 bytes.
```