

DevOps Certification Training



Module-9: Kubernetes Assignment - 4

You have been asked to:

- Use the previous deployment
- Change the service type to clusterip

```
root@ip-172-31-25-208:~# kubectl get services
```

NAME	TYPE	CLUSTER-IP	EXTERNAL-IP	PORT(S)	AGE
apache3	LoadBalancer	10.103.224.78	<pending>	80:30924/TCP	24m
jenkins1	LoadBalancer	10.98.35.154	<pending>	8080:30325/TCP	25h
kubernetes	ClusterIP	10.96.0.1	<none>	443/TCP	2d1h
kubernetes-bootcamp	LoadBalancer	10.100.84.86	<pending>	8080:30092/TCP	25h
nginx	LoadBalancer	10.103.188.241	<pending>	8080:31101/TCP	25h
nginx1	LoadBalancer	10.101.162.192	<pending>	80:31996/TCP	25h

```
root@ip-172-31-25-208:~# curl 10.101.162.192
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Welcome to nginx!</title>
```

```
<style>
```

```
html { color-scheme: light dark; }
```

```
body { width: 35em; margin: 0 auto;
```

```
font-family: Tahoma, Verdana, Arial, sans-serif; }
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h1>Welcome to nginx!</h1>
```

```
<p>If you see this page, the nginx web server is successfully installed and  
working. Further configuration is required.</p>
```

```
<p>For online documentation and support please refer to
```

```
<a href="http://nginx.org/">nginx.org</a>.<br/>
```

```
Commercial support is available at
```

```
<a href="http://nginx.com/">nginx.com</a>.</p>
```

```
<p><em>Thank you for using nginx.</em></p>
```



```
root@ip-172-31-25-208:~# kubectl describe svc nginx1
Name:                nginx1
Namespace:           default
Labels:              app=nginx1
Annotations:         <none>
Selector:            app=nginx1
Type:               LoadBalancer
IP Family Policy:   SingleStack
IP Families:        IPv4
IP:                 10.101.162.192
IPs:                10.101.162.192
Port:               <unset> 80/TCP
TargetPort:         80/TCP
NodePort:           <unset> 31996/TCP
Endpoints:          10.44.0.11:80,10.44.0.12:80,10.44.0.13:80 + 2 more...
Session Affinity:   None
External Traffic Policy: Cluster
Events:             <none>
root@ip-172-31-25-208:~# curl 10.101.162.192:80
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body { width: 35em; margin: 0 auto;
font-family: Tahoma, Verdana, Arial, sans-serif; }
</style>
</head>
<body>
```



jenkins1	LoadBalancer	10.98.35.154	<pending>	8080:30325/TCP	25h
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kubernetes-bootcamp	LoadBalancer	10.100.84.86	<pending>	8080:30092/TCP	26h
nginx	LoadBalancer	10.103.188.241	<pending>	8080:31101/TCP	26h
nginx1	LoadBalancer	10.101.162.192	<pending>	80:31996/TCP	26h

```
root@ip-172-31-25-208:~# curl 3.80.135.135:31996
```

```
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```

```
<html>
```

```
<head>
```

```
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<style>
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```
root@ip-172-31-25-208:~#
```