

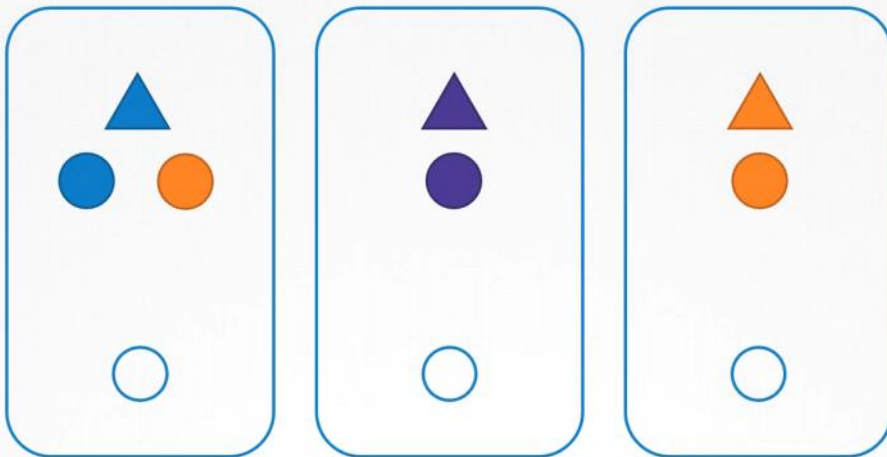
Cluster DNS

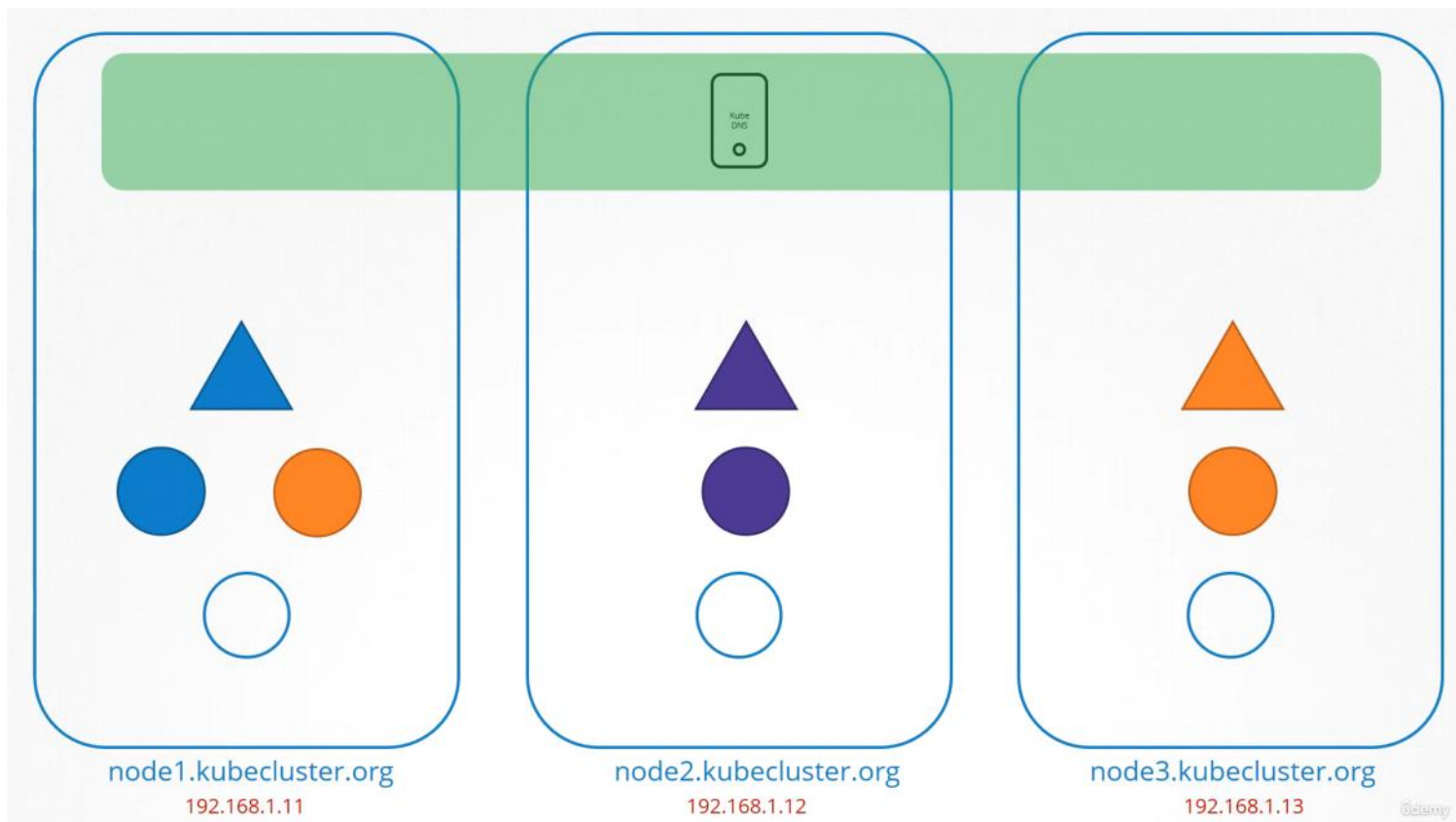
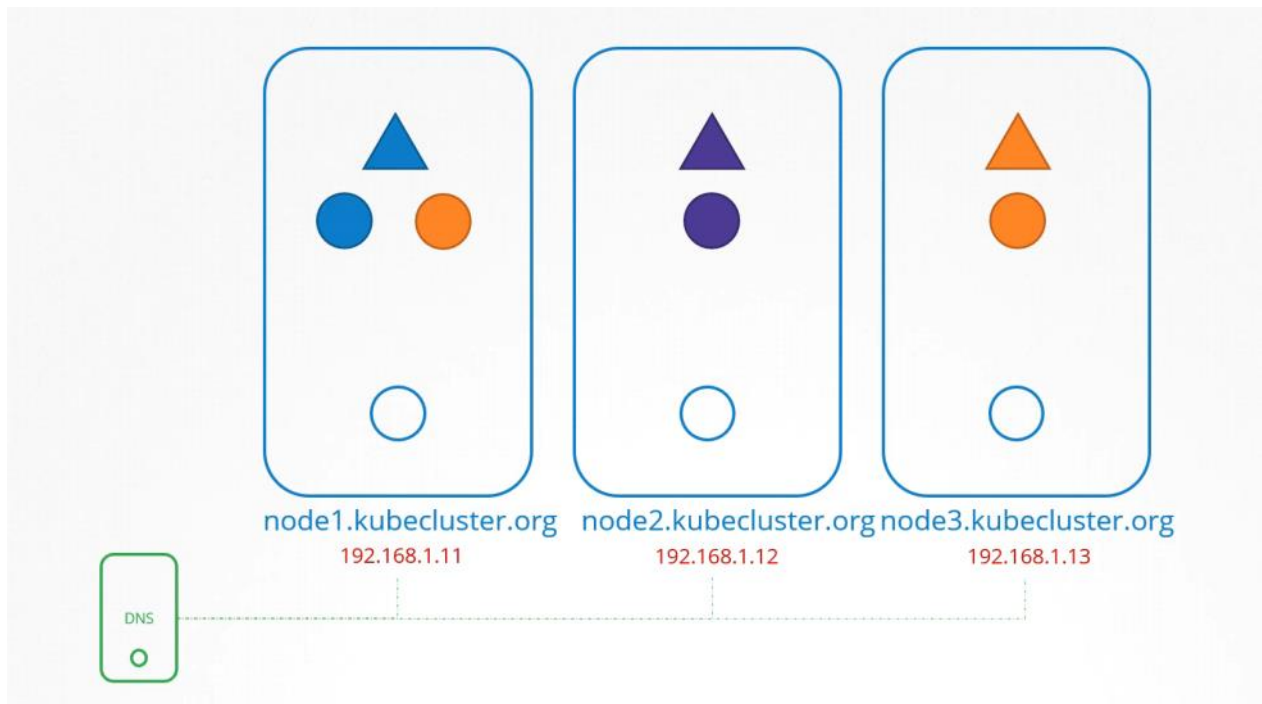
I Pre-Requisite

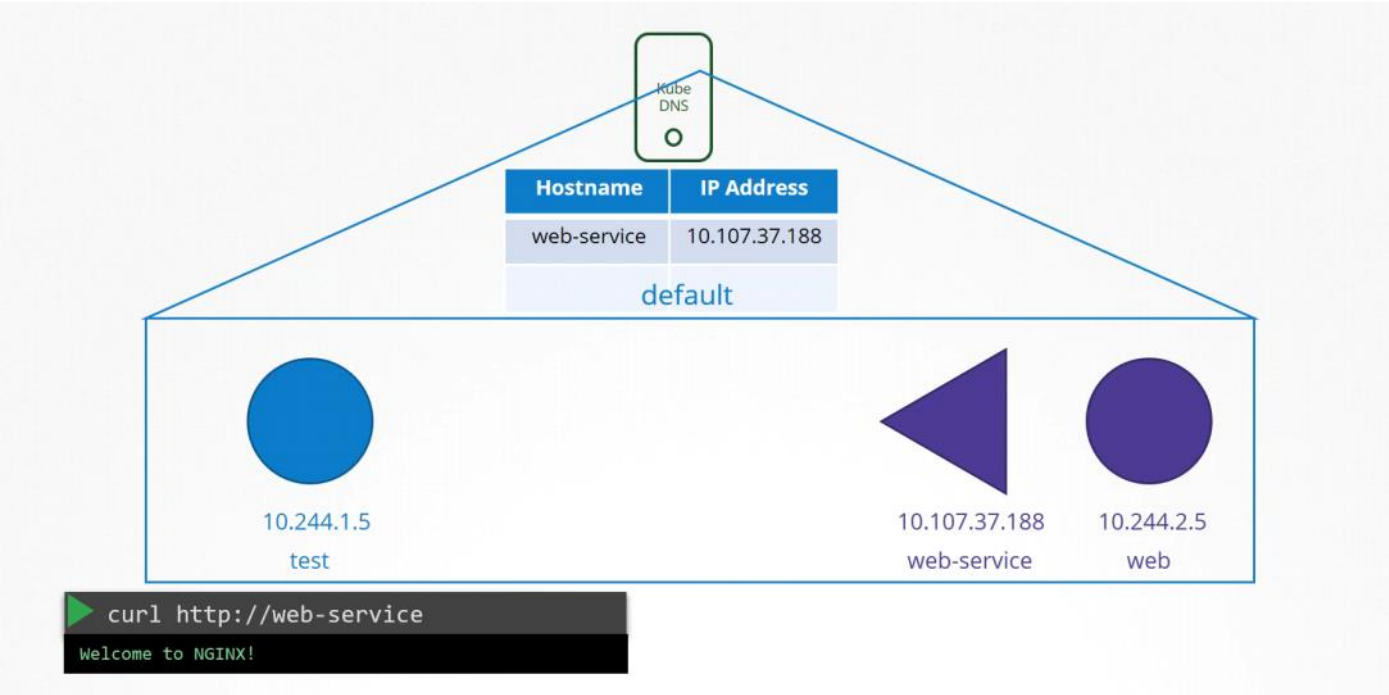
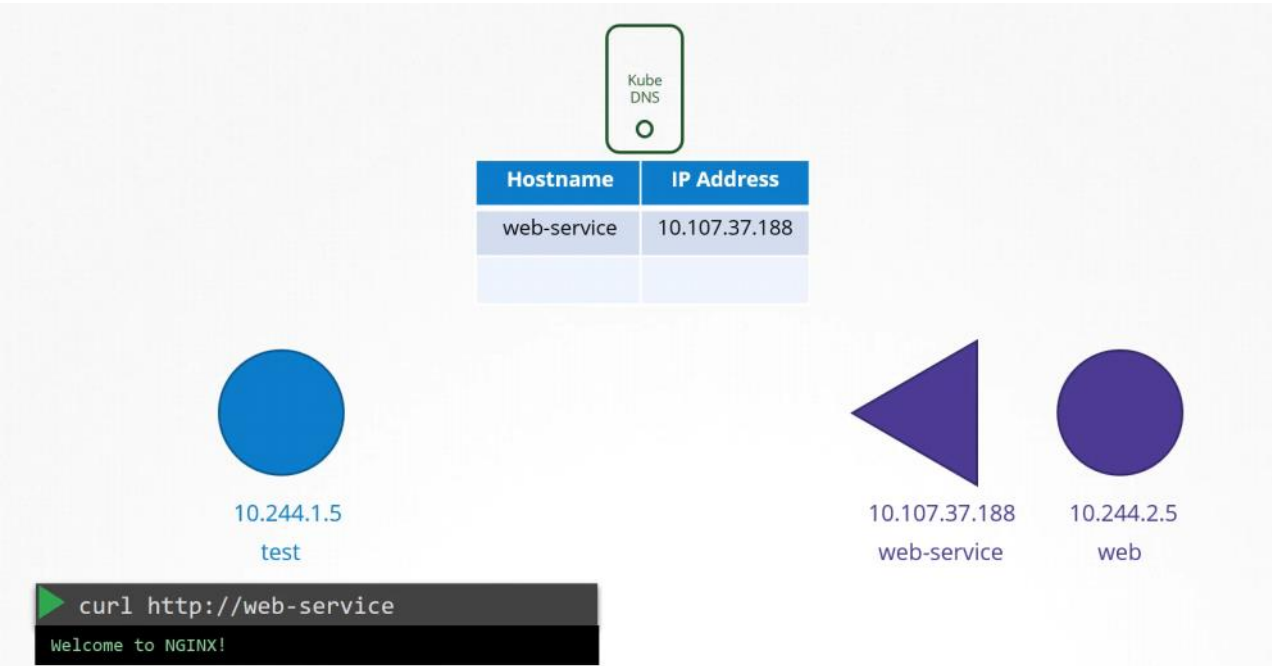
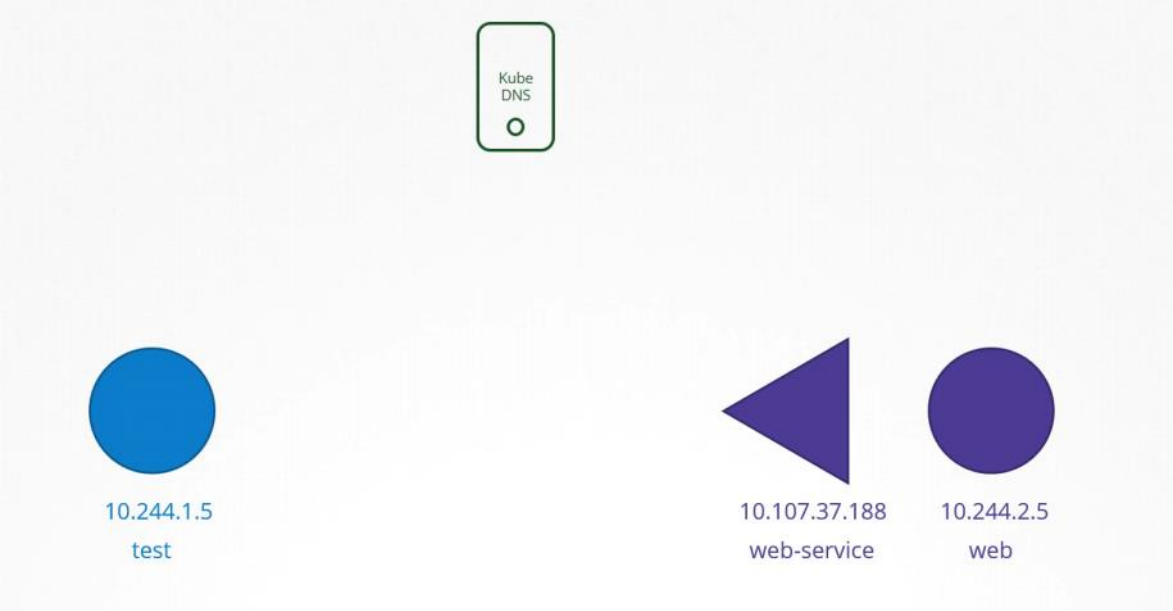
- ✓ What is DNS?
- ✓ Host/NS Lookup, Dig utility
- ✓ Recorded Types – A, CNAME
- ✓ Domain Name Hierarchy

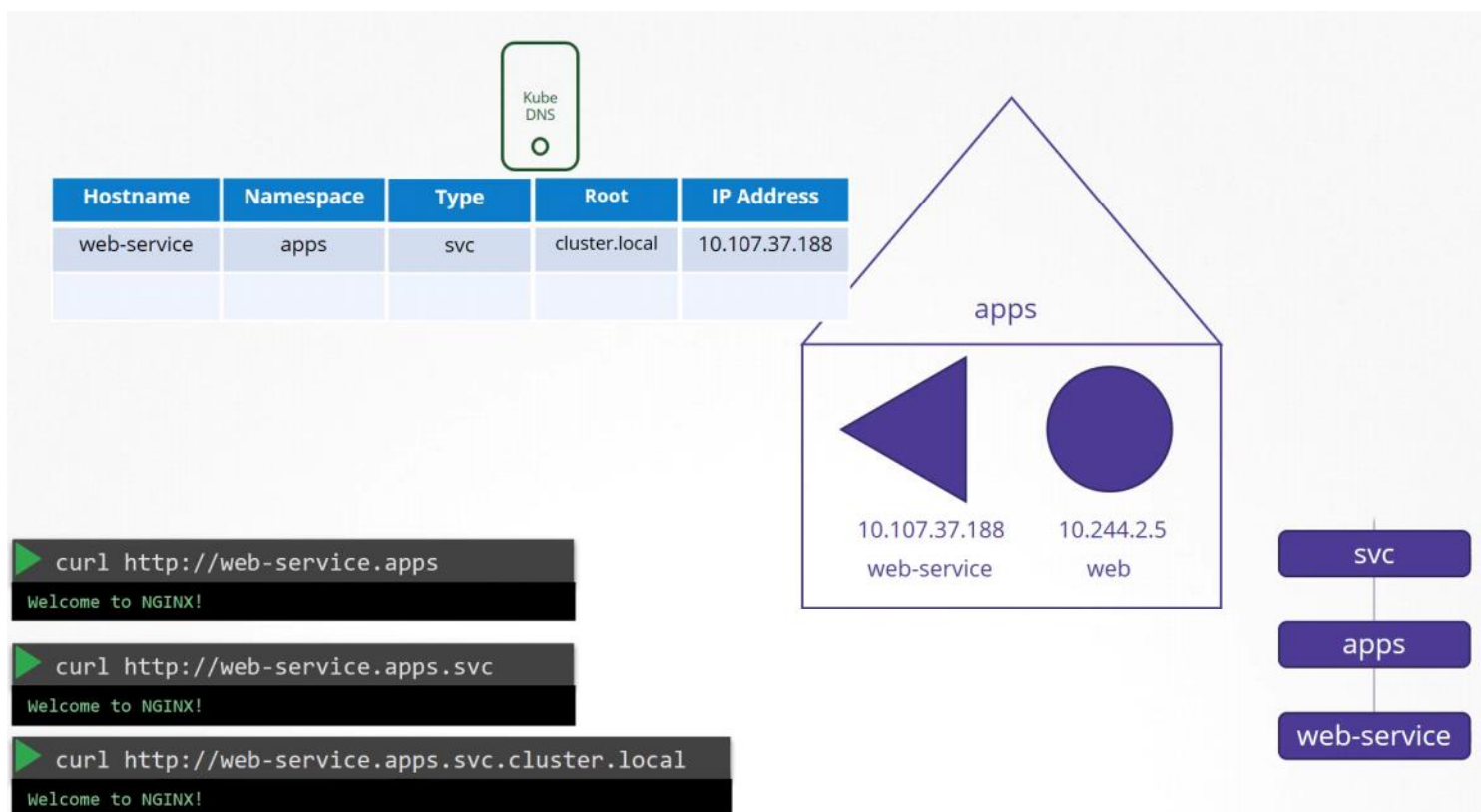
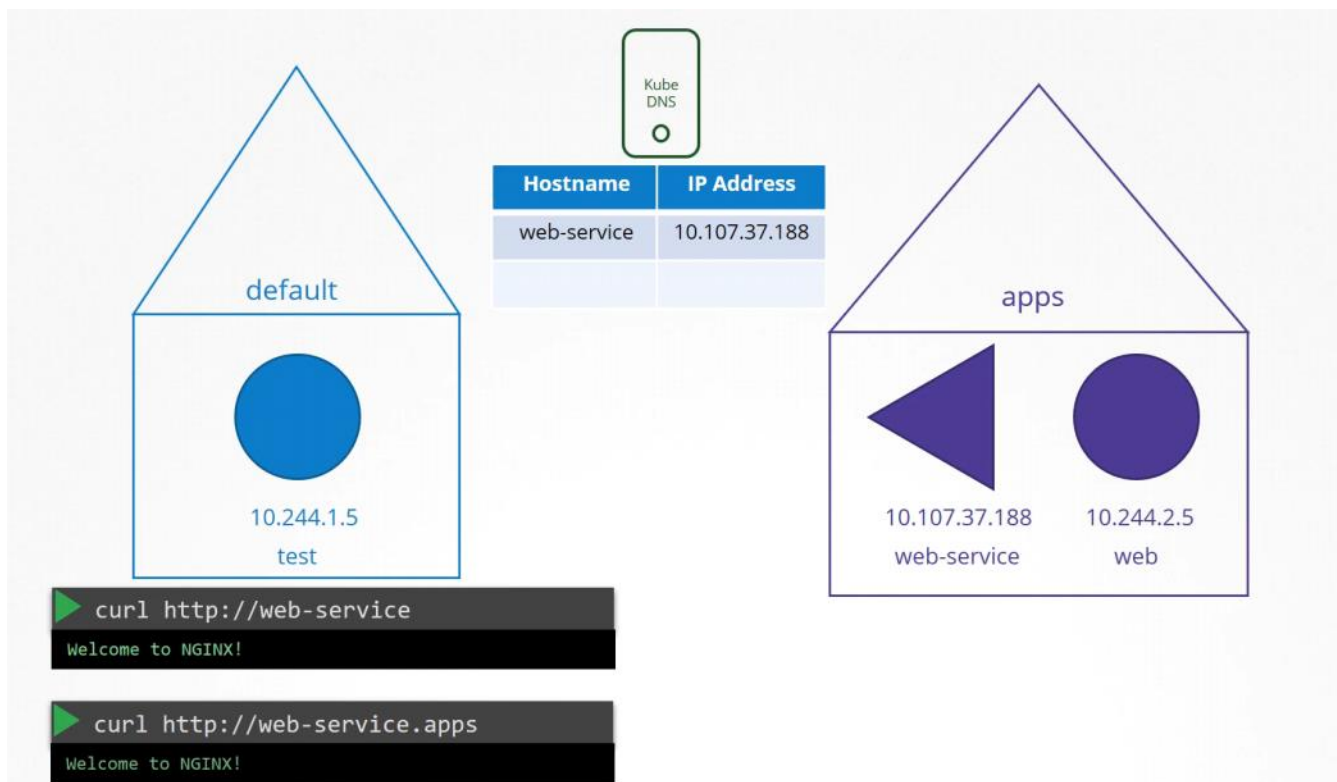
I Objectives

- ☐ What names are assigned to what objects?
- ☐ Service DNS records
- ☐ POD DNS Records







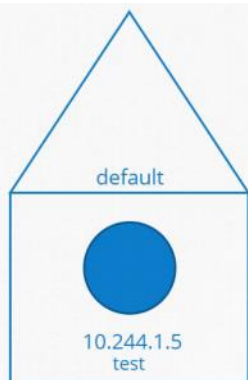
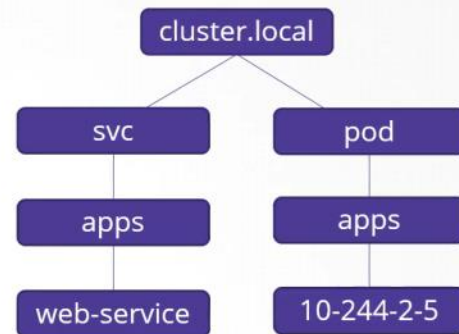
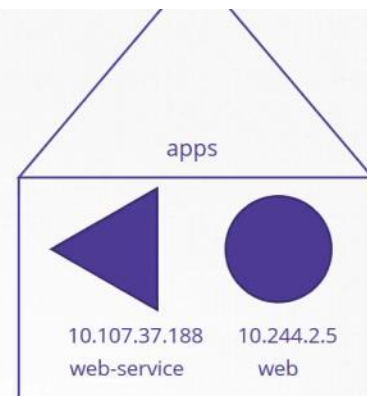




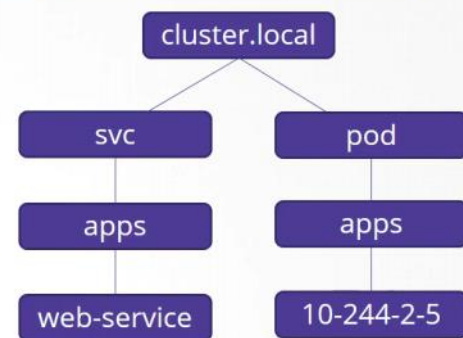
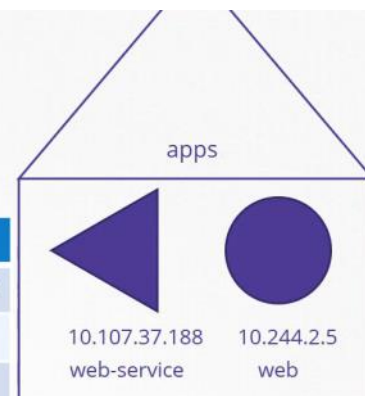
Hostname	Namespace	Type	Root	IP Address
web-service	apps	svc	cluster.local	10.107.37.188
10-244-2-5	apps	pod	cluster.local	10.244.2.5

10-244-2-5 ← 10.244.2.5

```
curl http://10-244-2-5.apps.pod.cluster.local  
Welcome to NGINX!
```



Hostname	Namespace	Type	Root	IP Address
web-service	apps	svc	cluster.local	10.107.37.188
10-244-2-5	apps	pod	cluster.local	10.244.2.5
10-244-1-5	default	pod	cluster.local	10.244.1.5



```
curl http://10-244-2-5.apps.pod.cluster.local  
Welcome to NGINX!
```