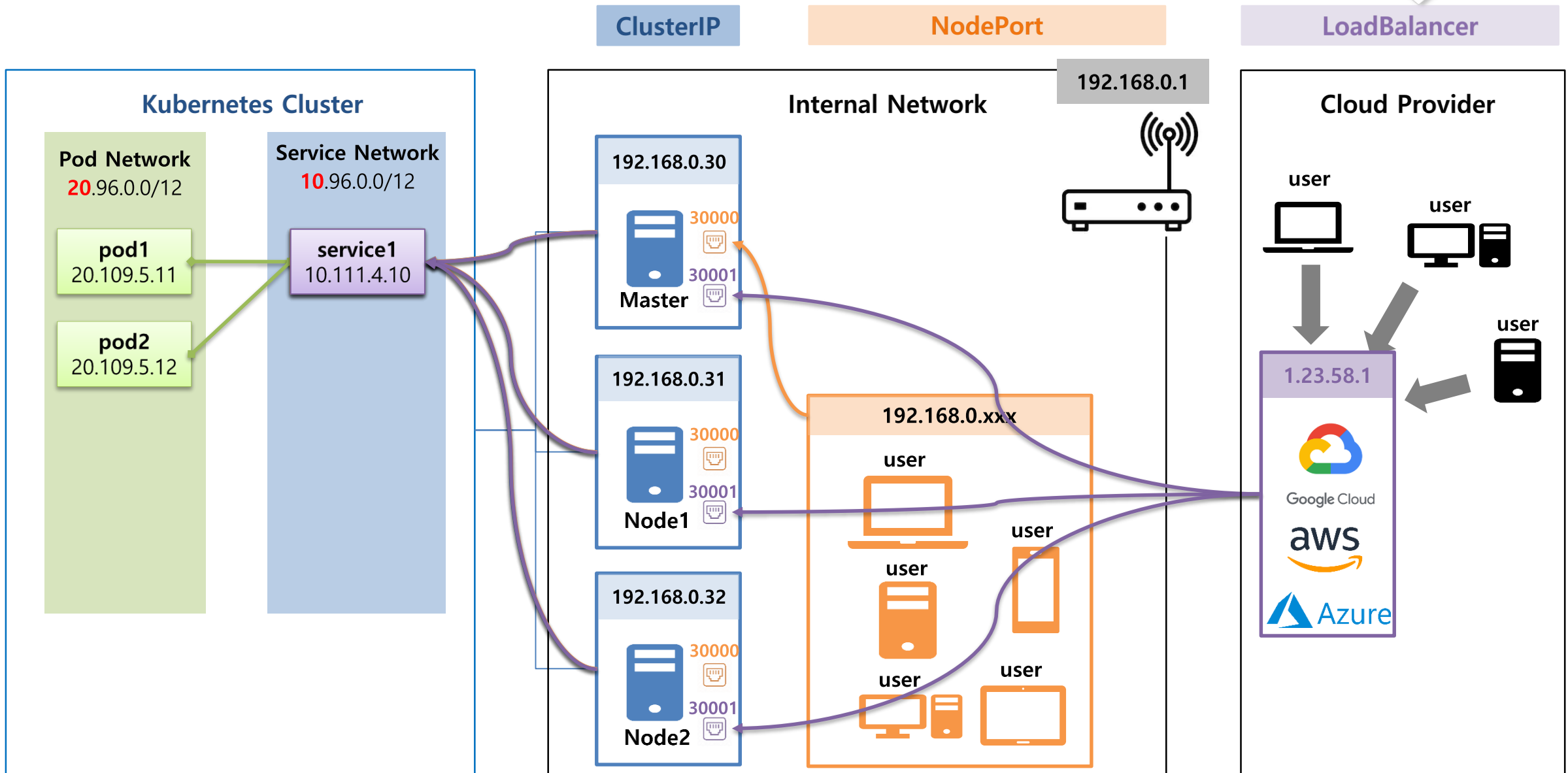
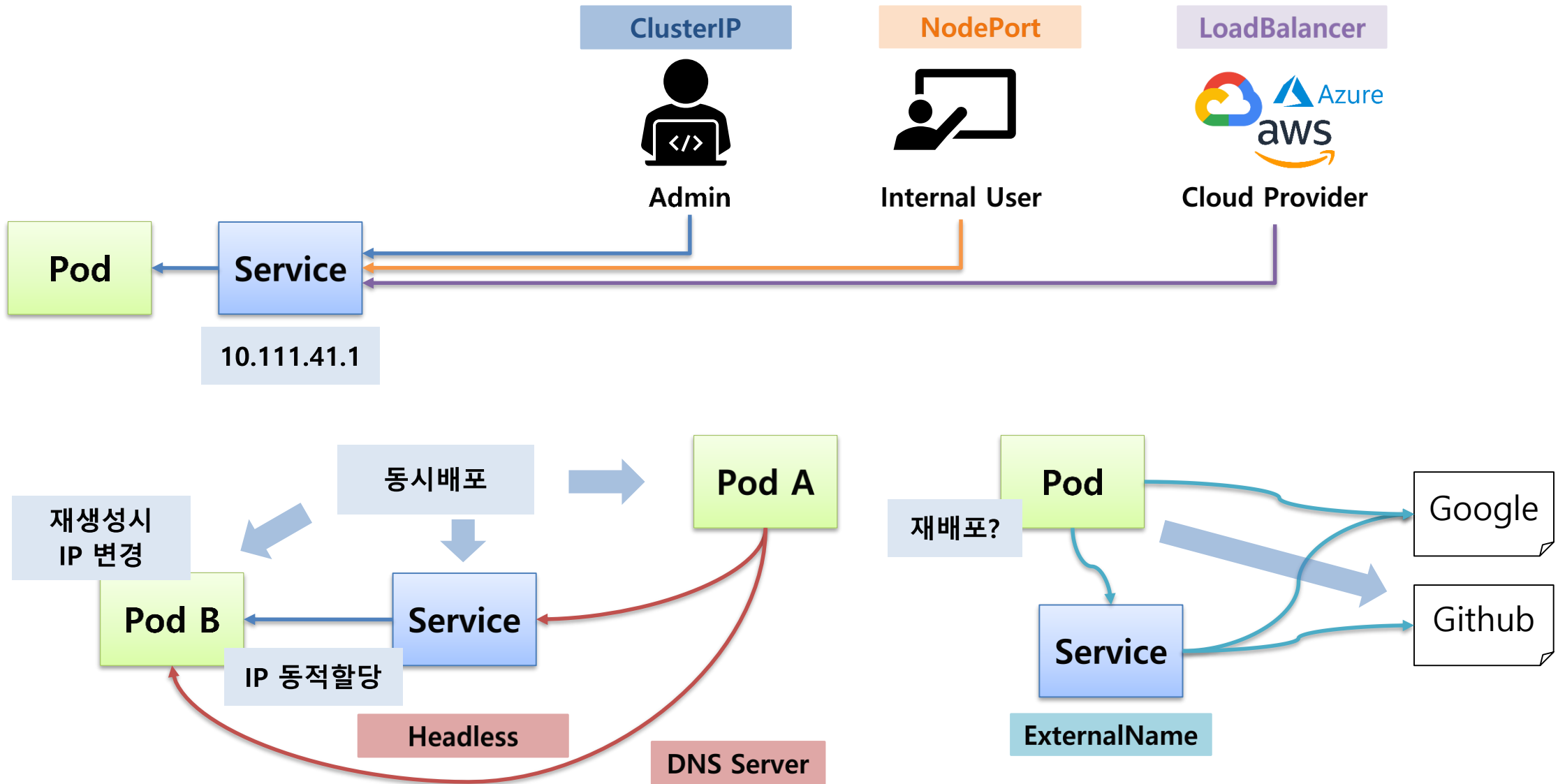


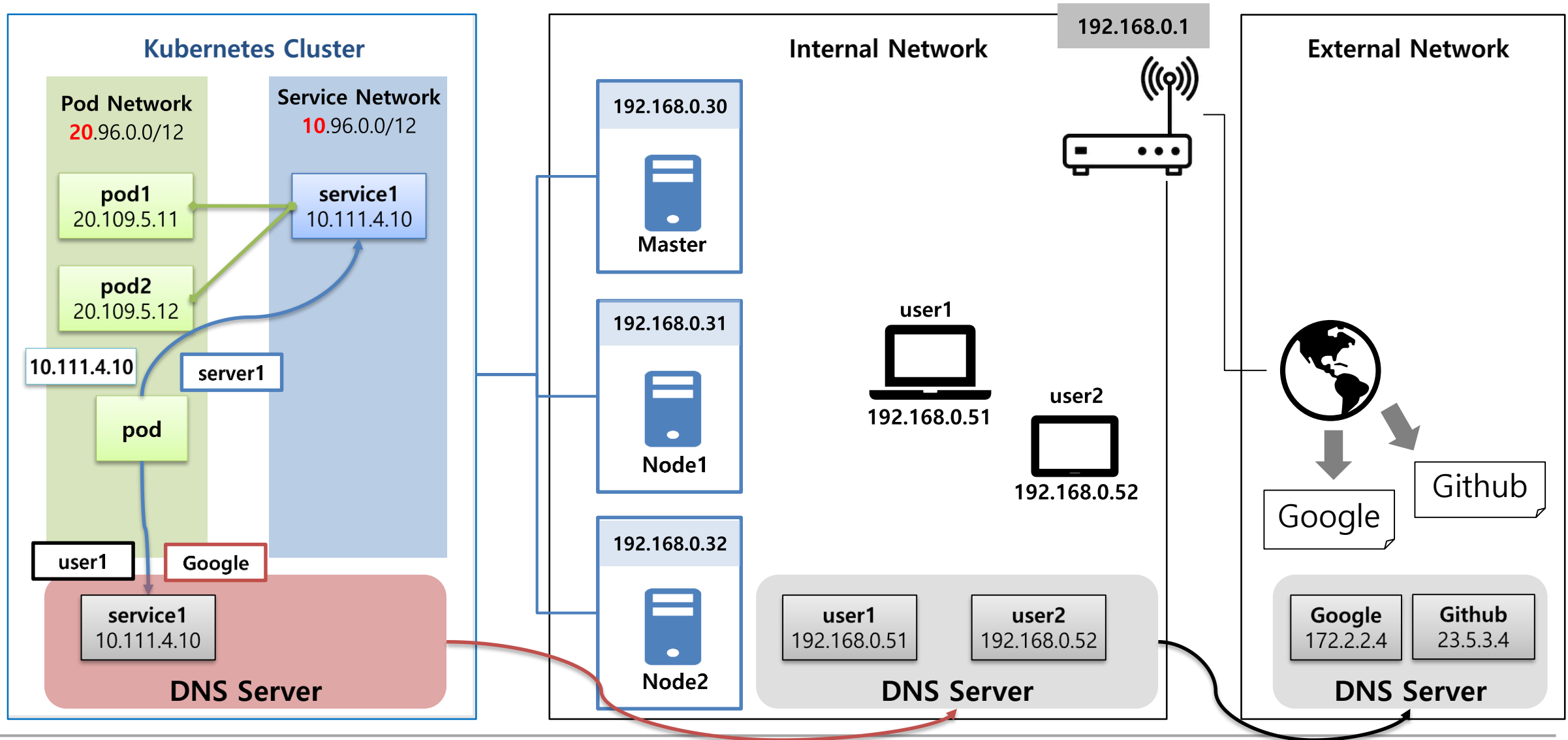
2. Basic Object - Service



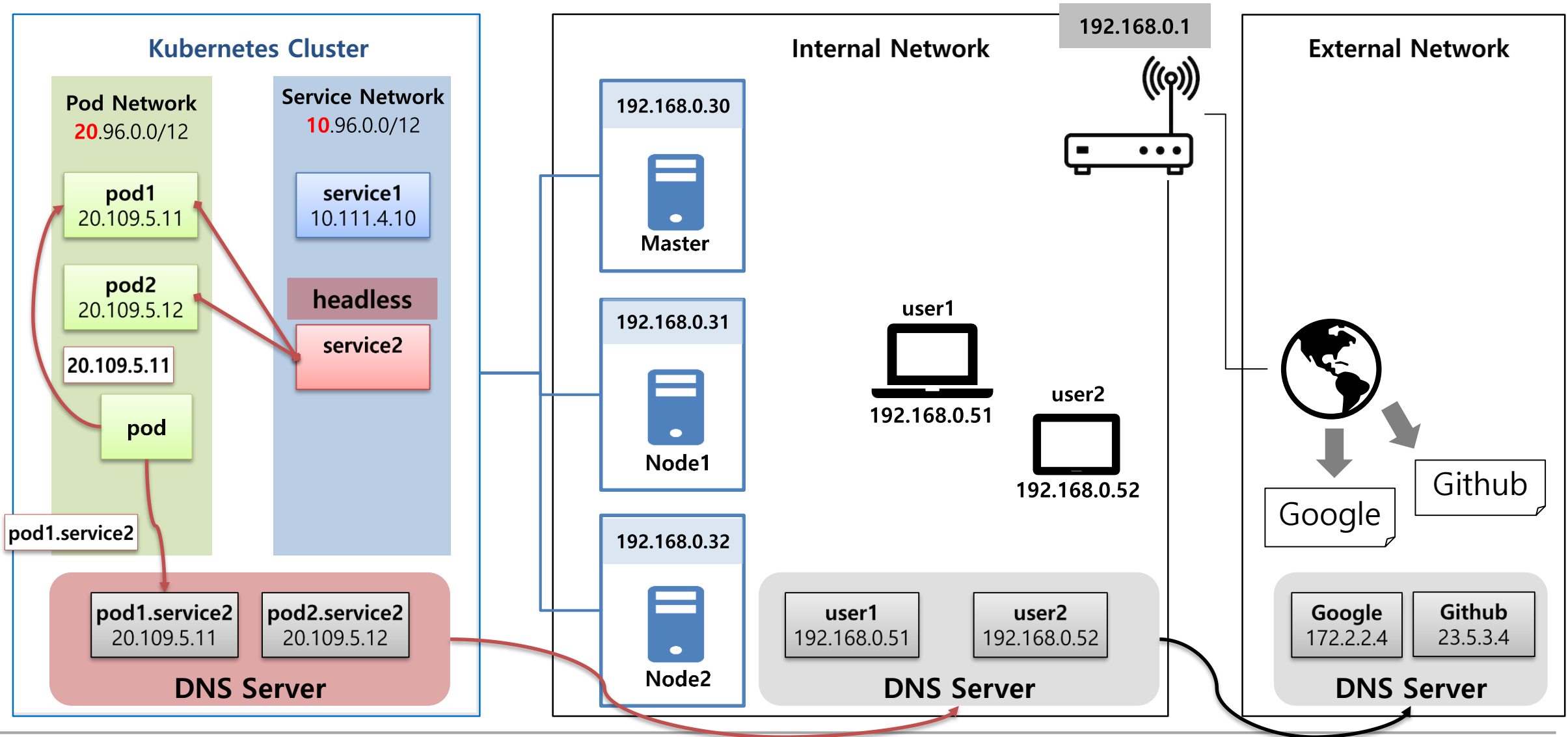
2. Basic Object - Service



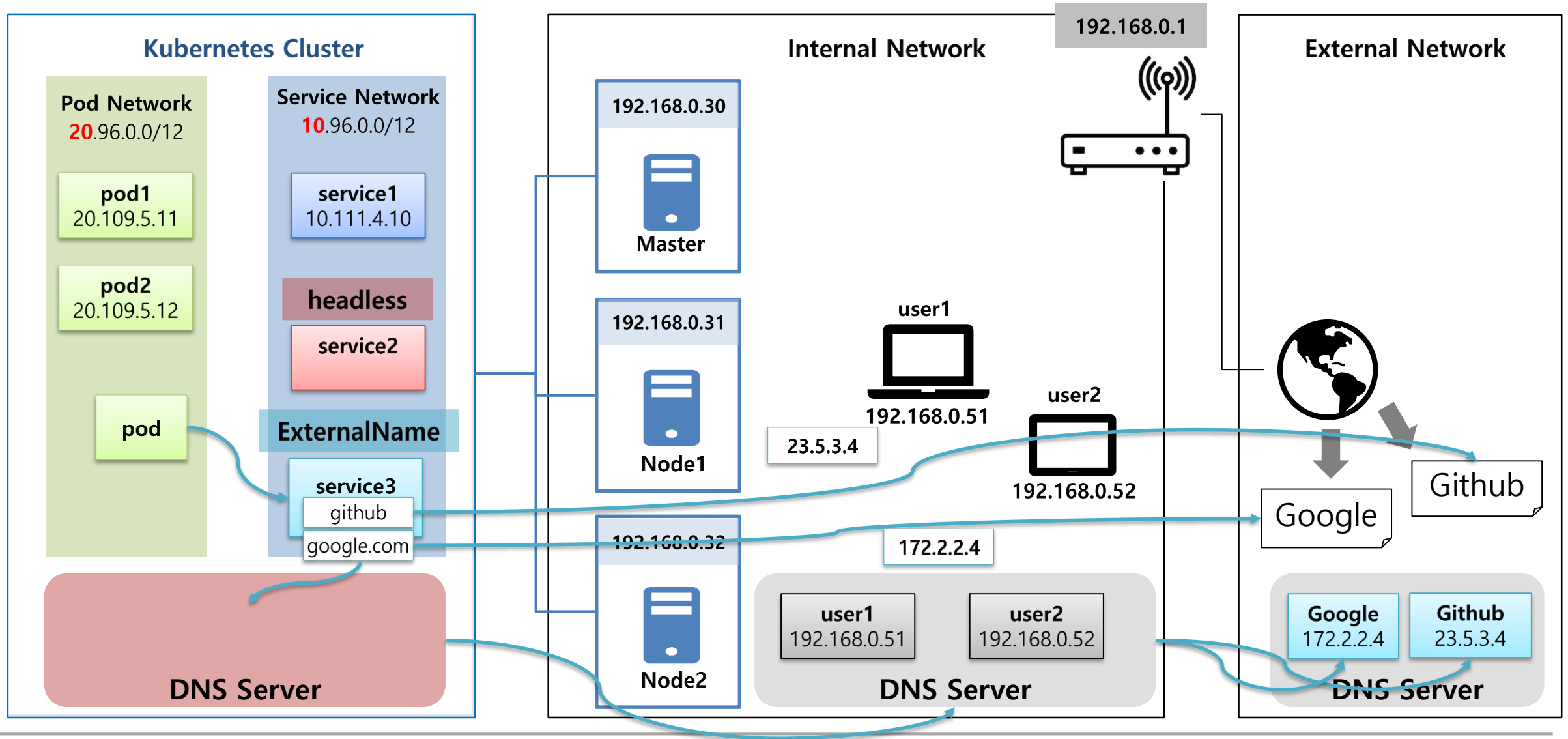
2. Basic Object - Service



2. Basic Object - Service



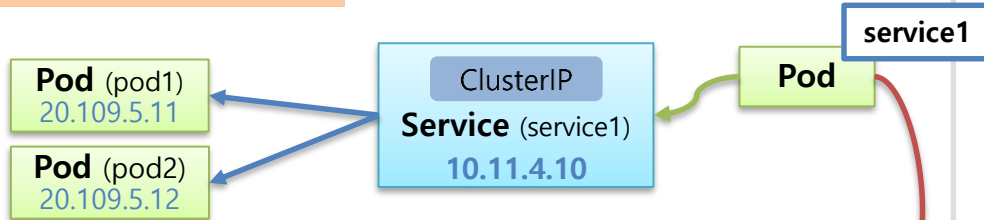
2. Basic Object - Service



2. Basic Object - Service

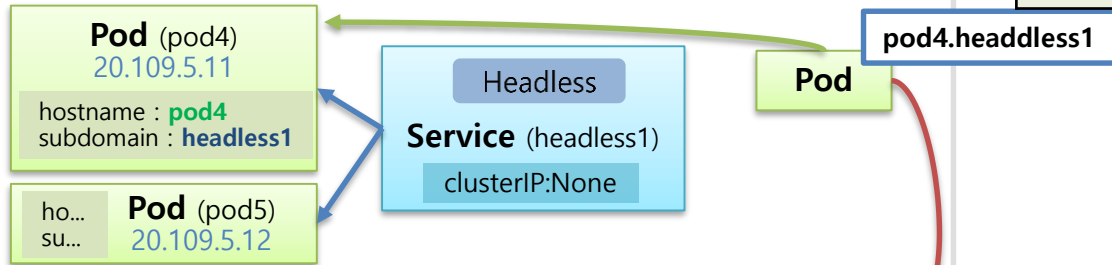
Headless

Namespace : default



DNS (cluster.local)

Service	service1.default.svc.cluster.local	10.11.4.10
Pod	20-109-5-11.default.pod.cluster.local	20.109.5.11
Pod	20-109-5-12.default.pod.cluster.local	20.109.5.12



DNS (cluster.local)

Service	headless1.default.svc.cluster.local	20.109.5.11 20.109.5.12
Pod	pod4.headless1.default.svc.cluster.local	20.109.5.11
Pod	pod5.headless1.default.svc.cluster.local	20.109.5.12

Endpoint

Service	service1.default.svc.cluster.local	10.11.4.10
Pod	20-109-5-11.default.pod.cluster.local	20.109.5.11

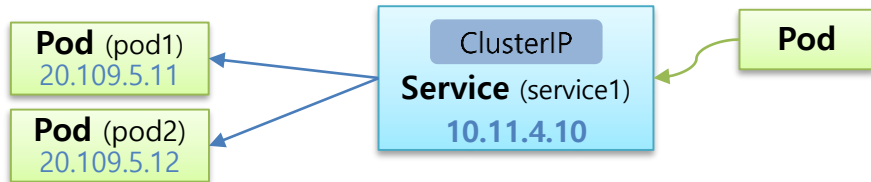
FQDN = Fully Qualified Domain Name

ExternalName

2. Basic Object - Service

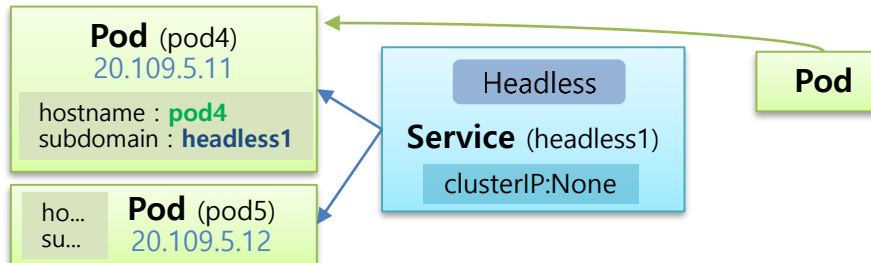
Headless

Namespace : default



DNS (cluster.local)

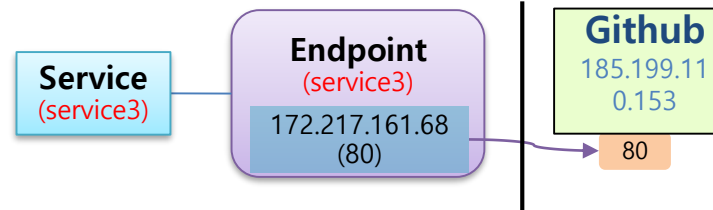
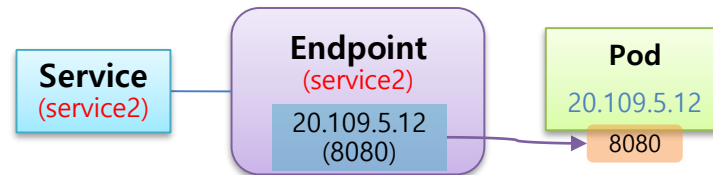
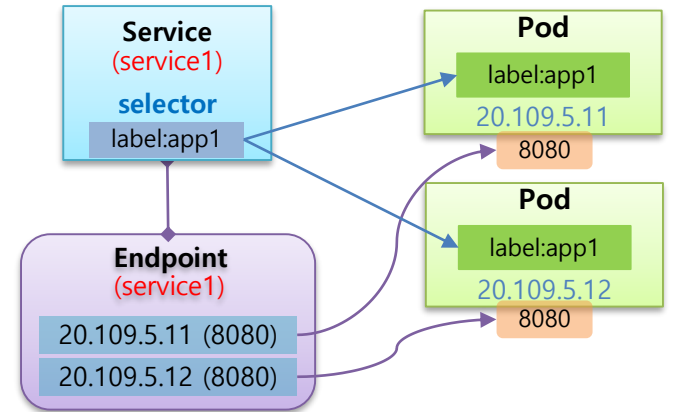
Service	service1.default.svc.cluster.local	10.11.4.10
Pod	20-109-5-11.default.pod.cluster.local	20.109.5.11
Pod	20-109-5-12.default.pod.cluster.local	20.109.5.12



DNS (cluster.local)

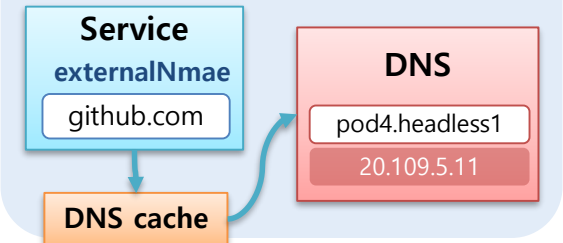
Service	headless1.default.svc.cluster.local	20.109.5.11 20.109.5.12
Pod	pod4.headless1.default.svc.cluster.local	20.109.5.11
Pod	pod5.headless1.default.svc.cluster.local	20.109.5.12

Endpoint

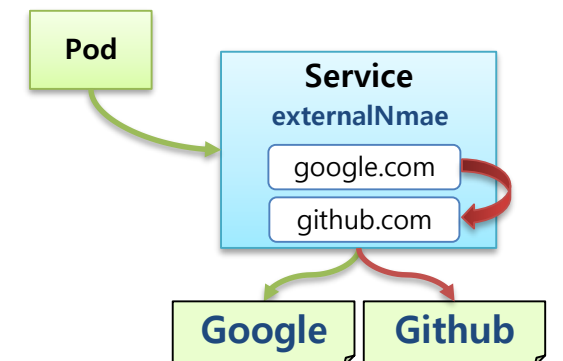


ExternalName

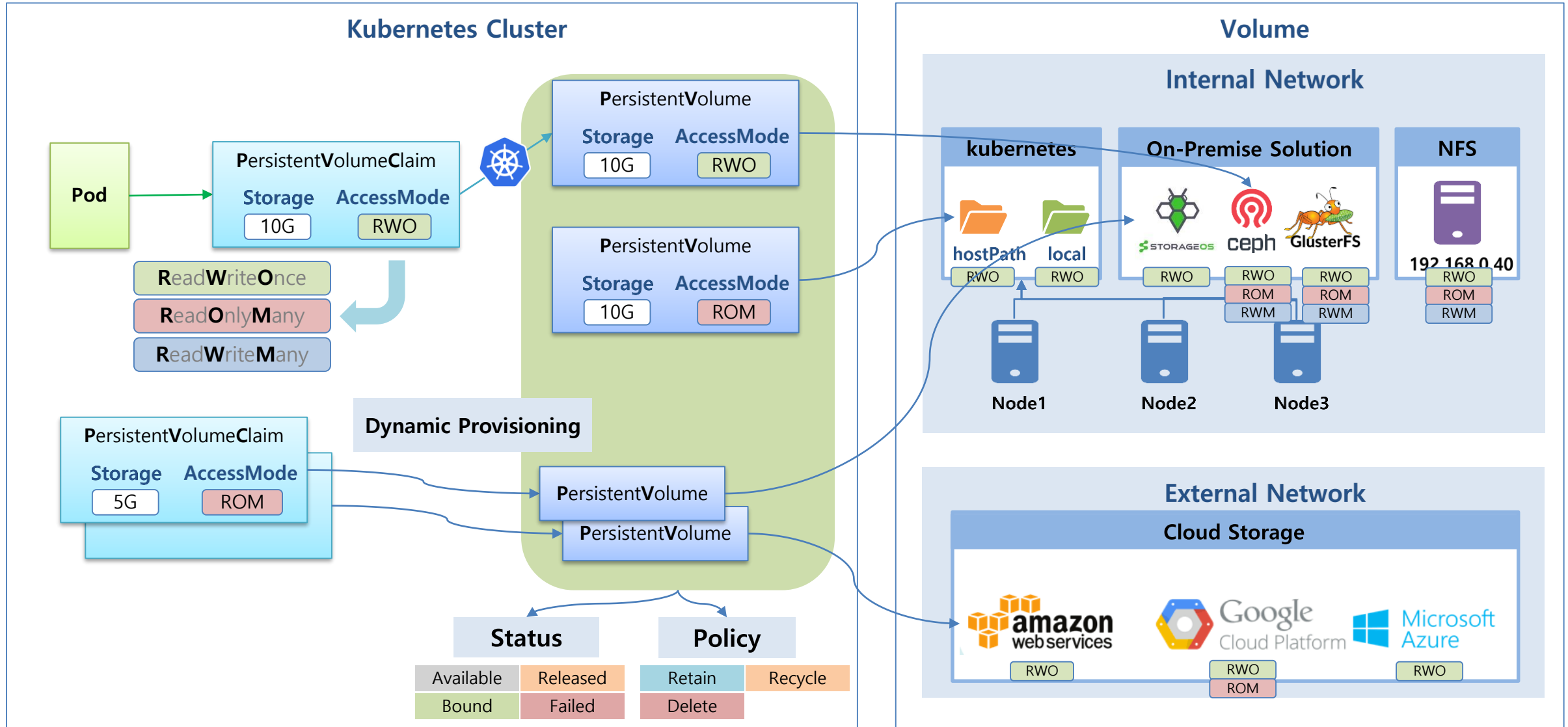
Kubernetes Cluster



External Network

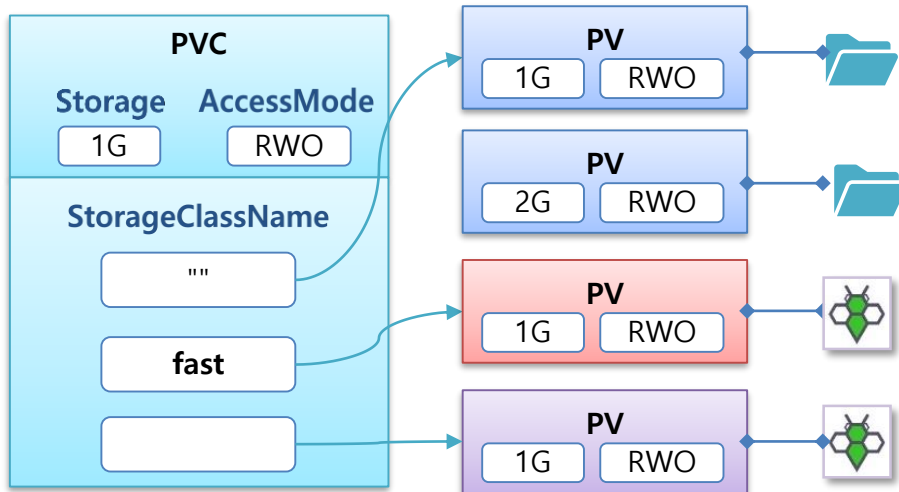
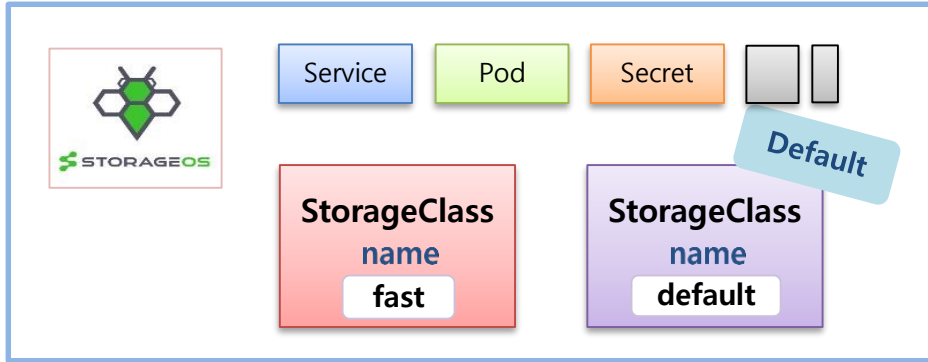


- Volume

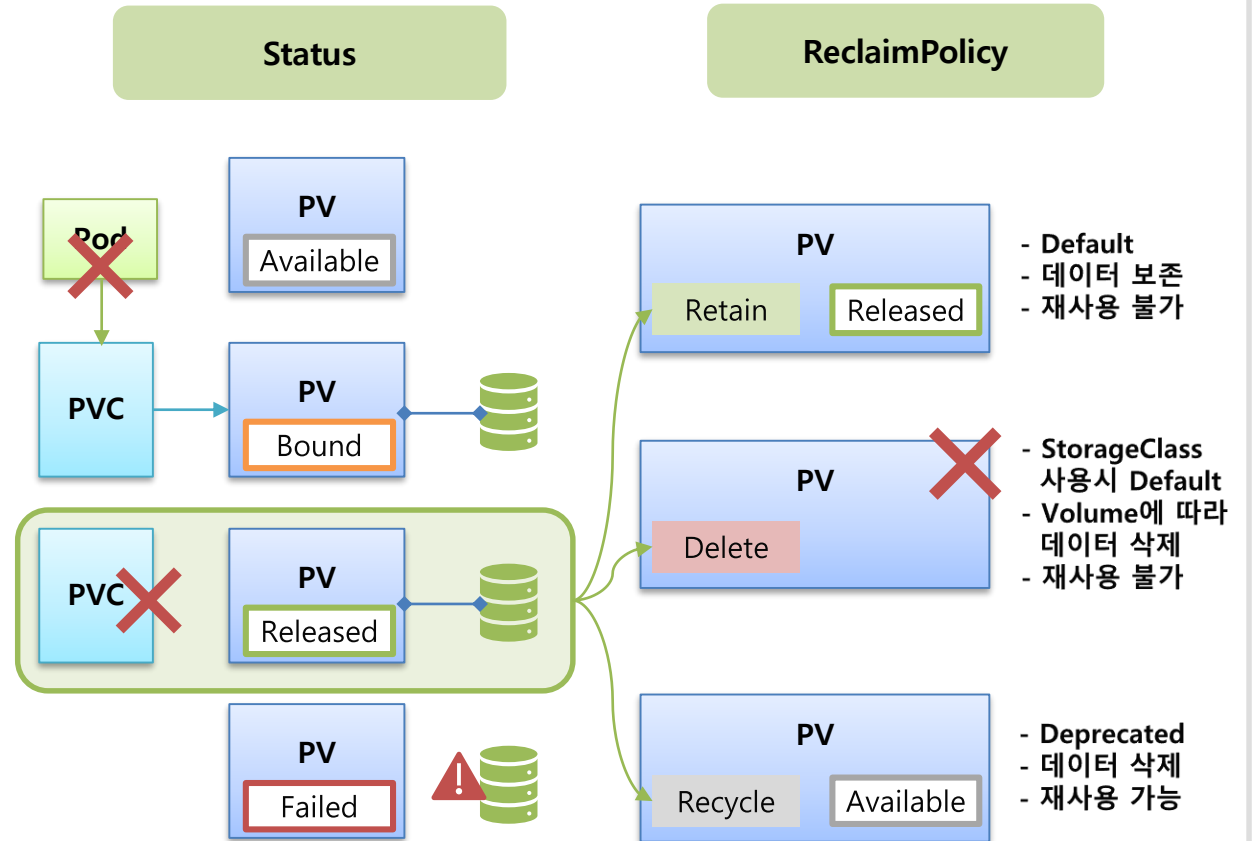


- Volume

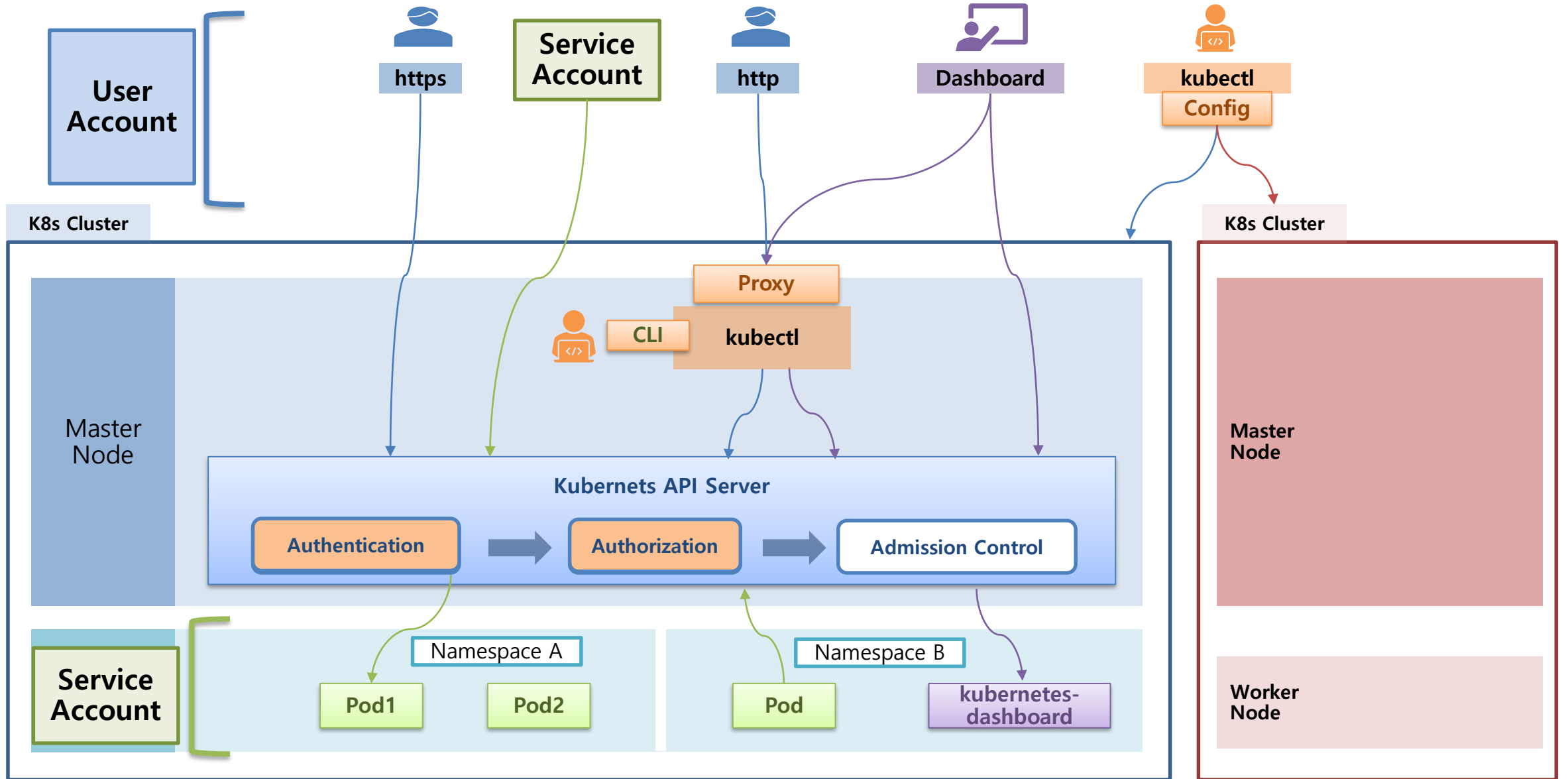
Dynamic Provisioning



Status & ReclaimPolicy

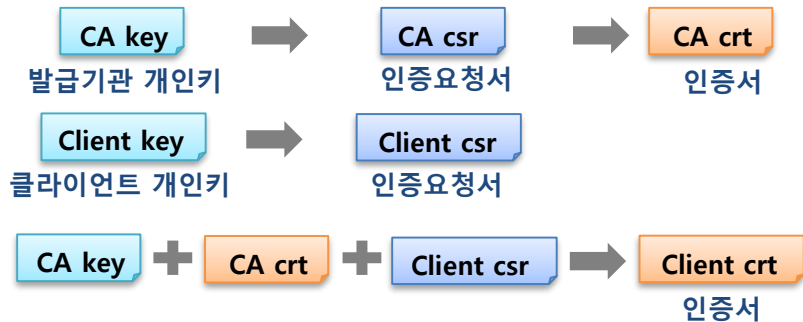
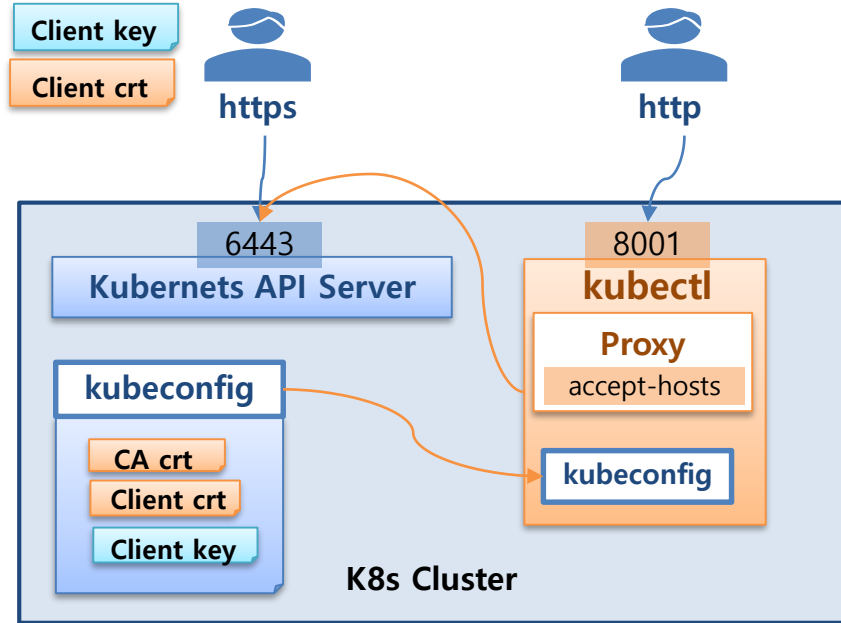


- Access to the Kubernetes API



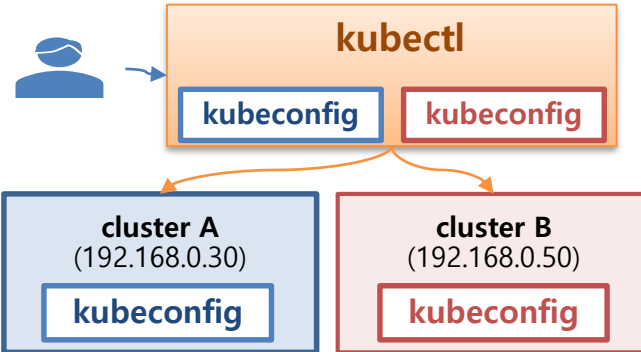
- Authentication

X509 Client Certs



kubectl

kubectl config user-context context-A



contexts

```
- name : context-A
  cluster : cluster-A
  user : admin-A

- name : context-B
  cluster : cluster-B
  user : admin-B
```

clusters

```
- name : cluster-A
  url : 192.168.0.30
  CA : CA crt

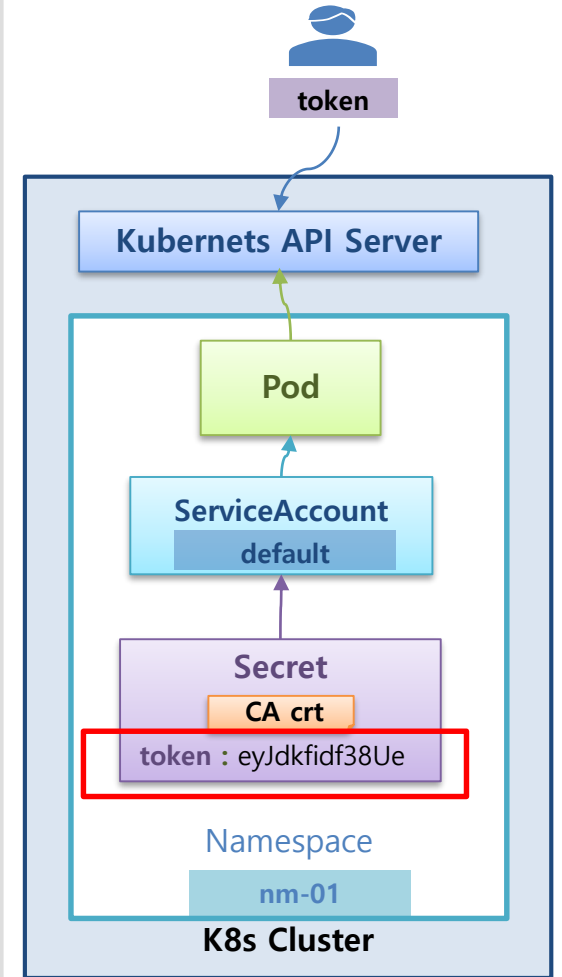
- name : cluster-B
  url : 192.168.0.50
  CA : CA crt
```

users

```
- name : admin-A
  crt : Client crt
  key : Client key

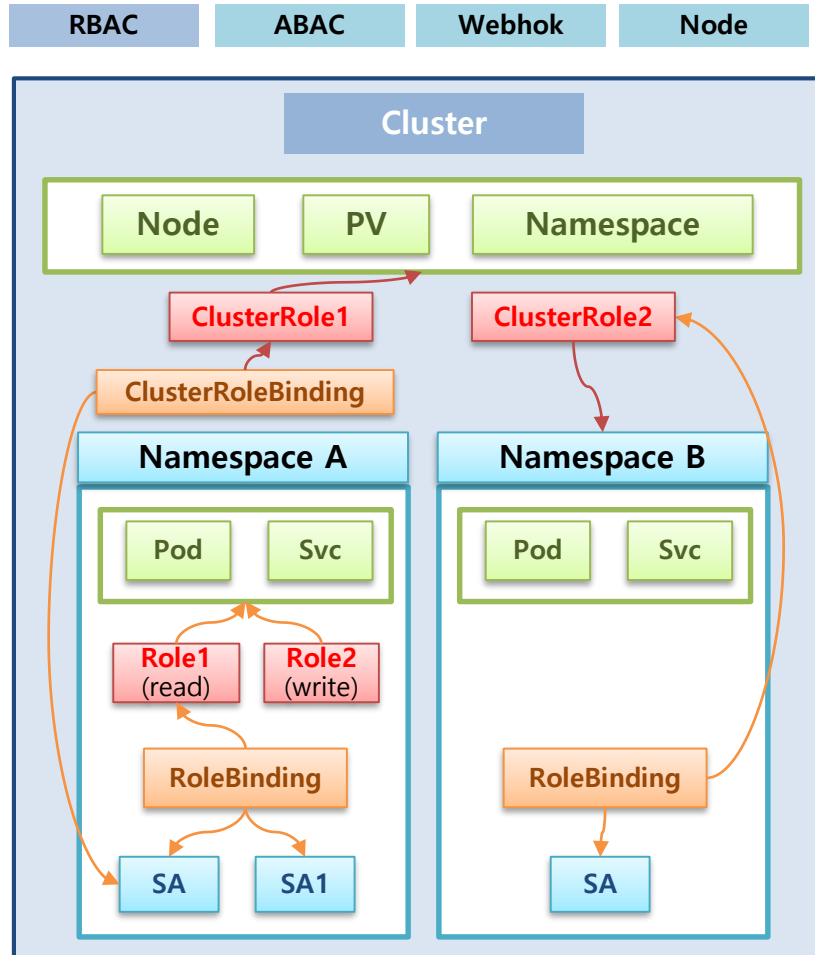
- name : admin-B
  crt : Client crt
  key : Client key
```

Service Account

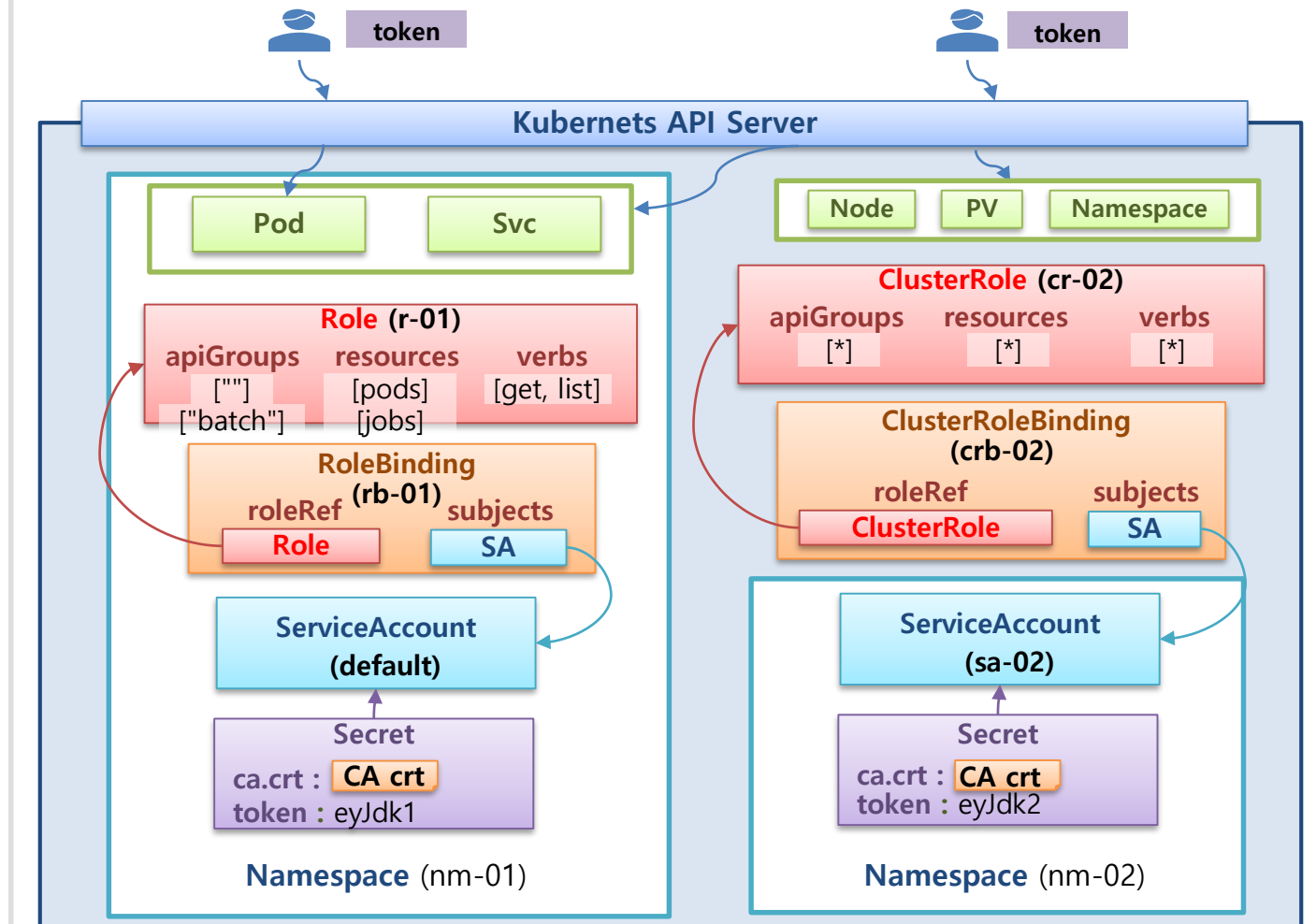


- Authorization

RBAC (Role, RoleBinding) Overview

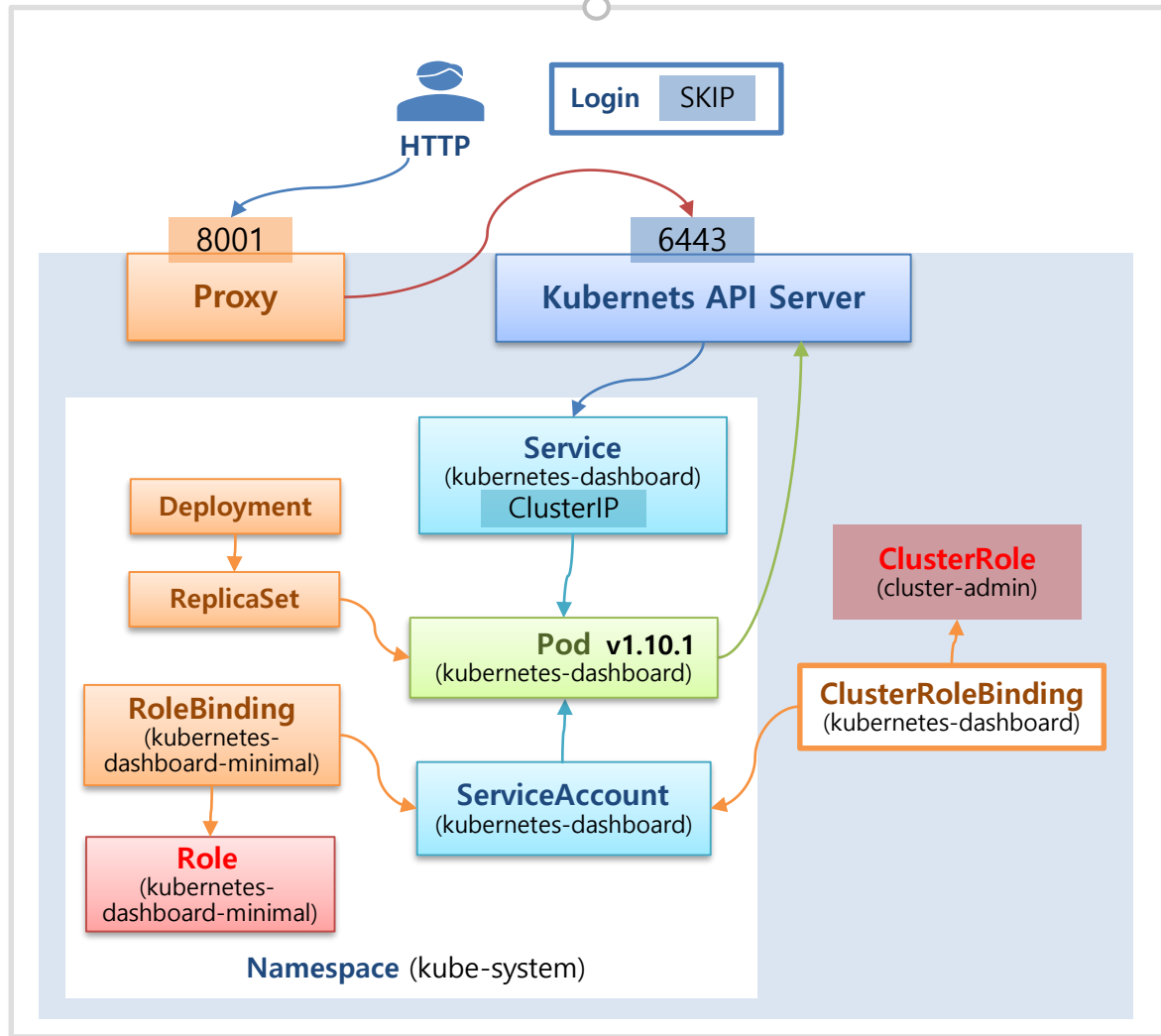


Role, RoleBinding Detail



- Kubernetes Dashboard

AS-IS : v1.10.1



TO-BE : v2.0.0

