

# Change serviceSubnet in Kubernetes

## Changing the default ip range

```
kubeadm config upload from-flags --service-cidr 172.26.0.0/16
```

in:

```
kubectl -n kube-system edit cm kubeadm-config
```

Also this file:

```
/etc/kubernetes/manifests/kube-apiserver.yaml
```

After doing this in all master nodes and rebooting I can see that the services are using 172.26.0.0/16 range.

Probably it will give an error for 172.26.0.1 as this ip is not recognized by the PKI.

In k8s 1.12 it can be fixed using:

```
kubeadm alpha phase certs all --apiserver-advertise-address 0.0.0.0  
--apiserver-cert-extra-sans=<leaderip>,<newserviceip>
```

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