


```
cp kubelet.service /usr/lib/systemd/system/kubelet.service
mkdir -p /etc/systemd/system/kubelet.service.d
cp 10-kubeadm.conf /etc/systemd/system/kubelet.service.d

# kubelet
systemctl enable kubelet.service
systemctl status kubelet
```

master

```
# kubeadm
# 1.24.0 docker
# apiserver kube-api-server: 6443

kubeadm init --control-plane-endpoint "kube-api-server:6443" --image-repository
registry.aliyuncs.com/google_containers --upload-certs --kubernetes-version v1.20.15 --pod-
network-cidr 10.244.0.0/16 --v 5

# master
echo "$(kubeadm token create --print-join-command) --control-plane --certificate-key $(kubeadm
init phase upload-certs --upload-certs | tail -1)"

# node
kubeadm token create --print-join-command
```

master <https://ioyhm.com/book/books/k8s/page/k8s-ZsW>

```
#
kubeadm init --image-repository registry.aliyuncs.com/google_containers --apiserver-
advertise-address 192.168.5.10 --kubernetes-version v1.20.15 --pod-network-cidr
10.244.0.0/16 --v 5

#
kubeadm reset
```

```
# ipvs
# 40 , 54 mode: "ipvs"
kubectl edit cm -n kube-system kube-proxy

# cni

kubectl apply -f calico.yaml
```

ingress-controller

traefik-ingress ~~nginx-ingress~~

```
# nginx-ingress
wget iovhm.com/uploads/software/k8s/v1.20.15/nginx-ingress/nginx-ingress.yaml

kubectl apply -f nginx-ingress.yaml
```

```
# traefik-controller

kubectl apply -f 00-account.yaml -n kube-system
kubectl apply -f 01-role.yaml -n kube-system
kubectl apply -f 02-role-binding.yaml -n kube-system
kubectl apply -f 03-traefik.yaml -n kube-system
kubectl apply -f 04-traefik-services.yaml -n kube-system
kubectl apply -f 05-traefik-default-tls.yaml -n kube-system

# 
# 
# kubeadm token create --print-join-command
```

k8s <https://iovhm.com/book/books/k8s/page/k3srancher>



```
# [redacted]
# vi /var/lib/kubelet/kubeadm-flags.env
# --max-pods=50

# podping
# kubectl edit cm -n kube-system kube-proxy
# 40mode:"ipvs"
# [redacted]k8s

k8s pod ping [redacted]kube-proxy [redacted]ipvs [redacted]iptables [redacted]kube-proxy

# [redacted] controller-manager [redacted]
# [redacted] scheduler [redacted]
# [redacted]
vi /etc/kubernetes/manifests/kube-controller-manager.yaml
vi /etc/kubernetes/manifests/kube-scheduler.yaml
# [redacted] --port=0

# calico-node [redacted] calico/node is not ready: BIRD is not ready: BGP not established
# calico-node [redacted]
# [redacted], [redacted]eth0 [redacted]
IP_AUTODETECTION_METHOD = [redacted]interface=eth0

# [redacted]IP [redacted]
IP_AUTODETECTION_METHOD = can-reach=192.168.0.254

# traefik-ingress [redacted]
# traefik [redacted]ingressendpoint.hostname [redacted]ingressendpoint.hostname [redacted]
# [redacted] --providers.kubernetesingress.ingressendpoint.publishedService

--providers.kubernetesingress.ingressendpoint.hostname=park.vpclub.io
--providers.kubernetesingress.ingressendpoint.ip=0.0.0.0
```

```
# calico-kube-controllers []
# []Failed to write status error=open /status/status.json: permission denied
# []
# []/var/run/calico/status [] 777[] /status
# []

# load balance L4 [] pedding
# load balance []k8s[] nodeport [] hostport
# []traefik []DaemonSet [] host[]

# []kube-proxy[]coredns[]
kubeadm init phase addon kube-proxy --kubeconfig ~/.kube/config --control-plane-endpoint
"kube-api-server:6443" --image-repository registry.aliyuncs.com/google_containers --
kubernetes-version v1.28.0 --pod-network-cidr 10.244.0.0/16
```

[] #47

[] [] 21 [] 2023 04:58:11

[] [] 18 [] 2026 10:00:25