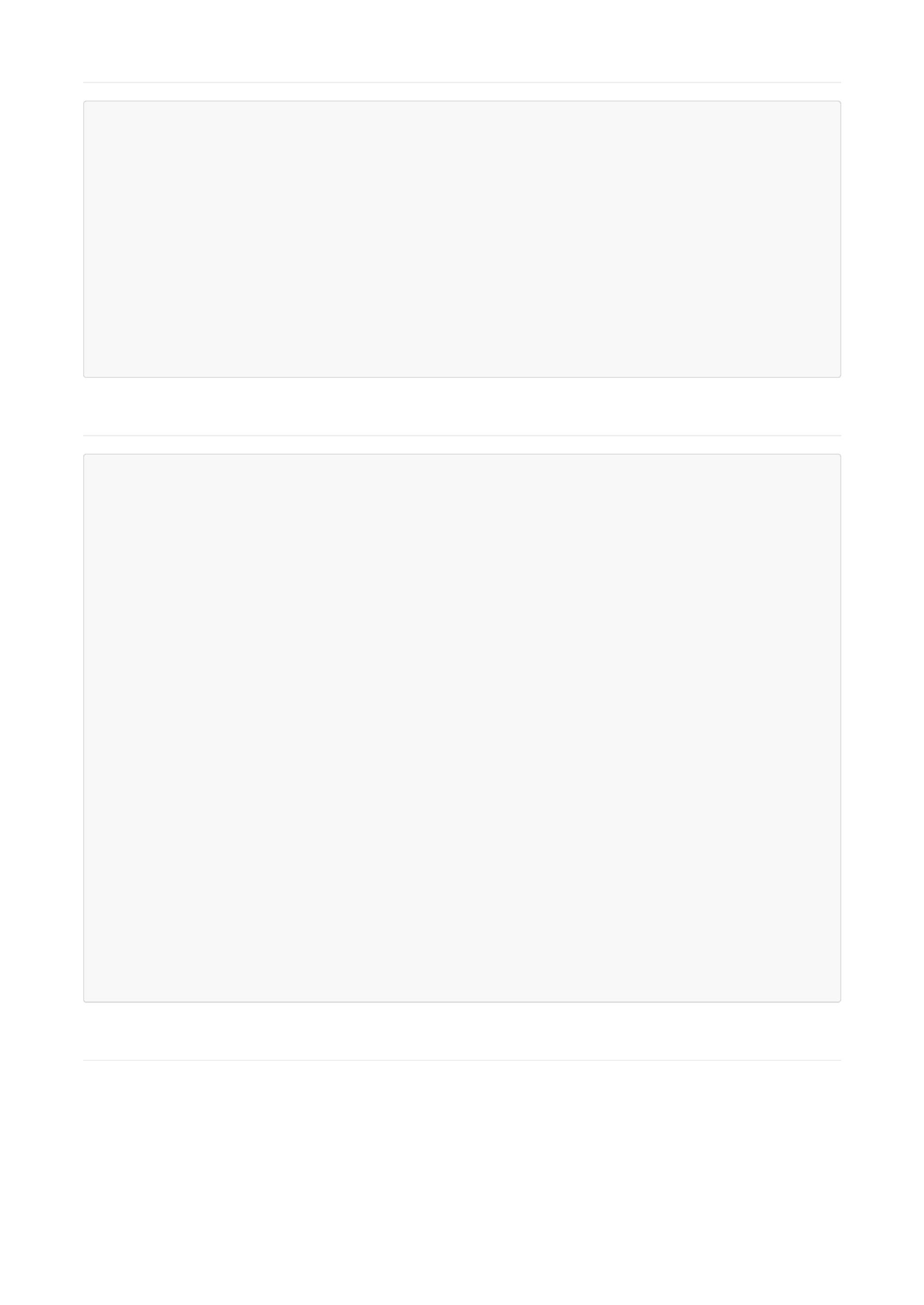
**kube-proxy开启ipvs的前置条件**



modprobe br\_netfilter

cat > /etc/sysconfig/modules/ipvs.modules <<EOF

#!/bin/bash

modprobe -- ip\_vs

modprobe -- ip\_vs\_rr

modprobe -- ip\_vs\_wrr

modprobe -- ip\_vs\_sh

modprobe -- nf\_conntrack\_ipv4

EOF

chmod 755 /etc/sysconfig/modules/ipvs.modules && bash /etc/sysconfig/modules/ipvs.modules &&

lsmod | grep -e ip\_vs -e nf\_conntrack\_ipv4

**安装 Docker 软件**

yum install -y yum-utils device-mapper-persistent-data lvm2

yum-config-manager \

--add-repo \

http://mirrors.aliyun.com/docker-ce/linux/centos/docker-ce.repo

yum update -y && yum install -y docker-ce

## 创建 /etc/docker 目录

mkdir /etc/docker

# 配置 daemon.

cat > /etc/docker/daemon.json <<EOF

{

"exec-opts": ["native.cgroupdriver=systemd"],

"log-driver": "json-file",

"log-opts": {

"max-size": "100m"

}

}

EOF

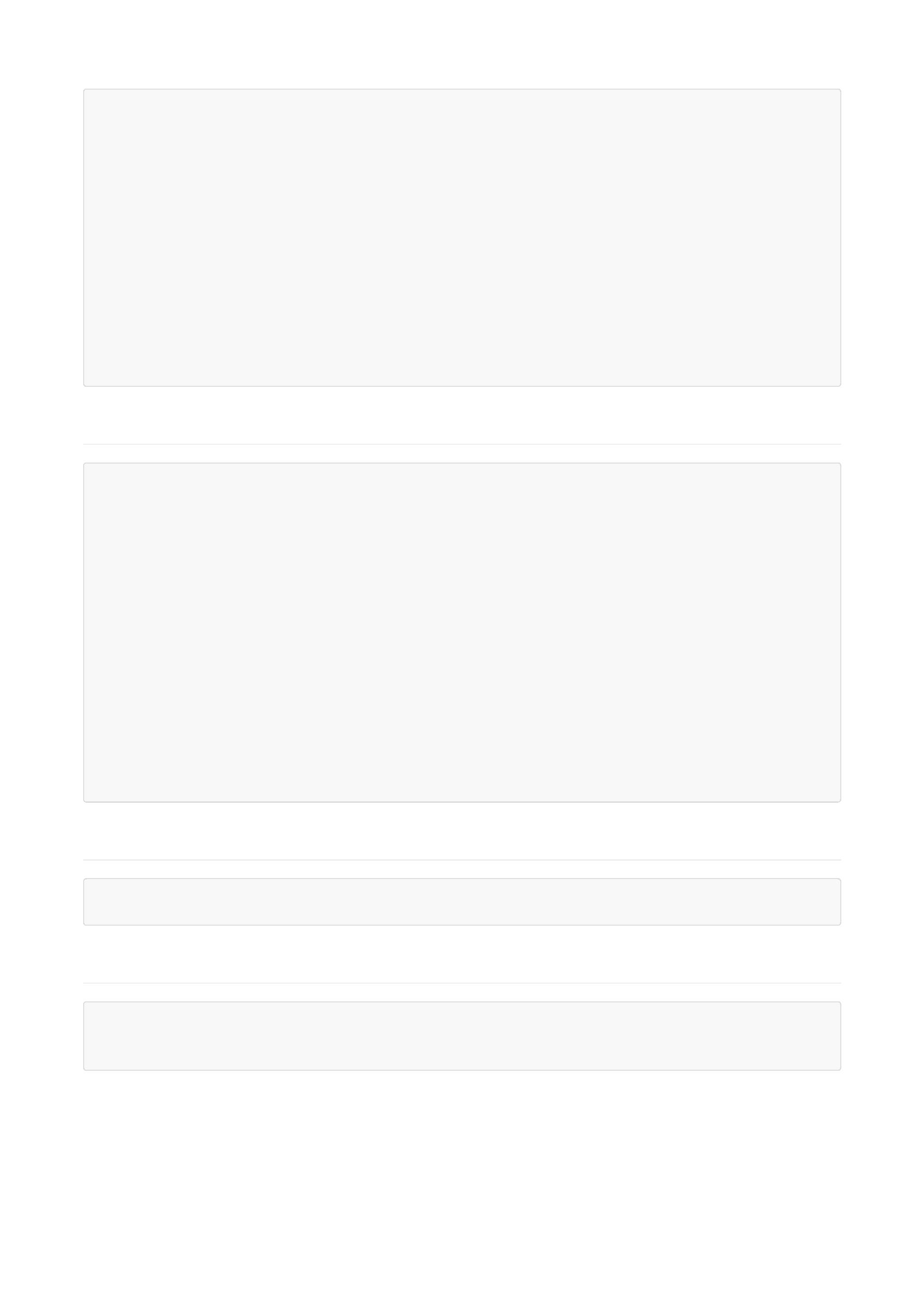
mkdir -p /etc/systemd/system/docker.service.d

# 重启docker服务

systemctl daemon-reload && systemctl restart docker && systemctl enable docker

**安装 Kubeadm （主从配置）**

cat <<EOF > /etc/yum.repos.d/kubernetes.repo



[kubernetes]

name=Kubernetes

baseurl=http://mirrors.aliyun.com/kubernetes/yum/repos/kubernetes-el7-x86\_64

enabled=1

gpgcheck=0

repo\_gpgcheck=0

gpgkey=http://mirrors.aliyun.com/kubernetes/yum/doc/yum-key.gpg

http://mirrors.aliyun.com/kubernetes/yum/doc/rpm-package-key.gpg

EOF

yum -y install kubeadm-1.15.1 kubectl-1.15.1 kubelet-1.15.1

systemctl enable kubelet.service

**初始化主节点**

kubeadm config print init-defaults > kubeadm-config.yaml

localAPIEndpoint:

advertiseAddress: 192.168.66.10

kubernetesVersion: v1.15.1

networking:

podSubnet: "10.244.0.0/16"

serviceSubnet: 10.96.0.0/12

---

apiVersion: kubeproxy.config.k8s.io/v1alpha1

kind: KubeProxyConfiguration

featureGates:

SupportIPVSProxyMode: true

mode: ipvs

kubeadm init --config=kubeadm-config.yaml --experimental-upload-certs | tee kubeadm-init.log

**加入主节点以及其余工作节点**

执行安装日志中的加入命令即可

**部署网络**

kubectl apply -f https://raw.githubusercontent.com/coreos/flannel/master/Documentation/kube-

flannel.yml

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