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](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/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