kubenetes安装（使用kubeadm）（阿里repo，自行编写）

[root@node0 net.d]# cat /etc/yum.repos.d/kubernetes.repo

[kubernetes]

name=Kubernetes Repo

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

gpgcheck=1

gpgkey=https://mirrors.aliyun.com/kubernetes/yum/doc/rpm-package-key.gpg

enable=1

yum install kubelet kubeadm kubectl

systemctl daemon-reload

systemctl start docker

systemctl enable kubelet.service docker

主节点要有 api-server etcd controller-mananger scheduler flannel pause proxy coredns（一下镜像都手动pull下来，如果通过init来拉取，基本无望，大陆防火墙）

手动下载所需组件，然后tag为kubnetes所需的镜像名，注意标签名

docker pull mirrorgooglecontainers/kube-apiserver-amd64:v1.13.0

docker pull mirrorgooglecontainers/kube-controller-manager-amd64:v1.13.0

docker pull mirrorgooglecontainers/kube-scheduler-amd64:v1.13.0

docker pull mirrorgooglecontainers/kube-proxy-amd64:v1.13.0

docker pull mirrorgooglecontainers/pause:3.1

docker pull mirrorgooglecontainers/etcd:3.2.24

docker pull coredns/coredns:1.2.6

docker tag mirrorgooglecontainers/kube-proxy-amd64:v1.13.0 k8s.gcr.io/kube-proxy:v1.13.0

docker tag mirrorgooglecontainers/kube-scheduler-amd64:v1.13.0 k8s.gcr.io/kube-scheduler:v1.13.0

docker tag mirrorgooglecontainers/kube-apiserver-amd64:v1.13.0 k8s.gcr.io/kube-apiserver:v1.13.0

docker tag mirrorgooglecontainers/kube-controller-manager-amd64:v1.13.0 k8s.gcr.io/kube-controller-manager:v1.13.0

docker tag mirrorgooglecontainers/etcd:3.2.24 k8s.gcr.io/etcd:3.2.24

docker tag mirrorgooglecontainers/pause:3.1 k8s.gcr.io/pause:3.1

docker tag coredns/coredns:1.2.6 k8s.gcr.io/coredns:1.2.6

安装flannel（如果在主节点kubeadm reset重置后需要重新在主节点上执行yml文件)

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

<https://quay.io/repository/coreos/flannel?tab=tags> fannel的镜像网站

docker pull quay.io/coreos/flannel:v0.10.0（手动pull下来，需要多次执行，网络不太稳定）

vim /etc/sysconfig/kubelet （在1.13版里面参数位置如下修改即可）

KUBELET\_EXTRA\_ARGS=--fail-swap-on=false

初始化：

kubeadm init --pod-network-cidr=10.244.0.0/16 --service-cidr=10.96.0.0/12 --ignore-preflight-errors=swap

节点加入，填写自己的令牌及ca-hash码

kubeadm join 192.168.19.100:6443 --token eo2lho.ghm97l1nbmp4pwft --discovery-token-ca-cert-hash sha256:f39a5fb34d8917d4b79ea3803b5db188b9dbcafd492798b1a1e1b352b58a947d --ignore-preflight-errors=Swap

master

计算机生成了可选文字:
[r、OOt@nOdeOdocker、Images
REPOSITORY
mirr、or、googlecontainer、s/kube-pr、oxy-amd64
k8s.gcr、.io/kube-pr、oxy
mirr、or、googlecontainer、s/kube-apiser、ver、amd64
k8s．、．io/kube-apiserver、
mirr、or、googlecontainer、s/kube-contr、011er、-manager、-amd64
k8s、·io/kube-contr、011er、-manager、
mirr、or、googlecontainer、s/kube-scheduler、amd64
192．168．19．199
192．168．19．199
192．168．19．199
192．168．19．192
192．168．19．191
192．168．19．199
192．168．19．192
192．168．19．191
192．168．19．199
192．168．19．199
TAG
VI．13．9
VI．13．9
VI．13．9
VI．13．9
VI．13．9
VI．13．9
VI．13．9
VI．13．9
3．2．24
3．2．24
VO．19．9
VO．19．一amd64
IMAGEID
8fa56d18961f
8fa56d18961f
flff9b7e3d6e
flff9b7e3d6e
d82539ead966
d82539ead966
9598b7d8998d
9598b7d8998d
f59dcacceff4
f59dcacceff4
3Cab8e1b9892
3Cab8e1b9892
f9fad859C999
f9fad859C999
da86e6ba6ca1
da86e6ba6ca1
CREATED
7days
7days
7days
7days
7days
7days
7days
7days
ago
ago
ago
ago
ago
ago
ago
ago
k8s·、．io/kube-scheduler、
、edns/cor、edns
k8s．、．io/cor、edns
mirr、or、googlecontainer、s/etcd
k8s.gcr、.io/etcd
quay·io/cor、eos/flannel
quay·io/cor、eos/flannel
k8s．、．io/pause
、、Or、googlecontainer、S/paUSe
[r、00t@node0net.d]#kubectlget
weeksago
5
weeksago
5
2monthsago
2monthsago
NAME
STATUS
ROLES
node0Ready
master、
nodel
Ready
<none>
node2Ready
<none>
AGE
5h11m
4h29m
4h19m
nodes
VERSION
VI．13．9
VI．13．9
VI．13．9
pod一nkube一system一0wide
19months
19months
months
11
months
11
NOMINATED
<none>
<none>
<none>
<none>
<none>
<none>
<none>
<none>
<none>
<none>
<none>
<none>
ago
ago
ago
ago
NODE
[r、00t@node0net.d]#kubectlget
NAME
cor、edns-86c58d9df4-2xkxq
cor、edns-86c58d9df4-nvqg2
etcd-node0
kube
—apiser、、
kube-contr、011er、-manager、node0
kube-f1anne1-ds-amd64-8hqrf
kube-f1anne1-ds-amd64-8txbg
kube-f1anne1-ds-amd64-df8r、5
kube-pr、oxy-2gfxg
kube-pr、oxy-J5pr、p
kube-pr、oxy-x5khd
kube-scheduler、node0
[r、00t@node0net.d]#囗
READY
1/1
1/1
1/1
1/1
1/1
1/1
1/1
1/1
1/1
1/1
1/1
1/1
STATUS
Running
Running
Running
Running
Running
Running
Running
Running
Running
Running
Running
Running
RESTARTS
9
9
9
9
9
9
9
9
9
9
9
9
AGE
5h11m
5h11m
5h11m
5h11m
5h11m
81m
81m
81m
4h29m
4h29m
5h11m
5h19m
IP
19．244．1．3
19．244．1．2
NODE
nodel
nodel
node0
node0
node0
node2
nodel
node0
node2
nodel
node0
node0
SIZE
89·2卜1B
89·2卜1B
181卜1B
181卜1B
146卜1B
146卜1B
79·6卜1B
79·6卜1B
49卜1B
49卜1B
229卜1B
229卜1B
44·6卜1B
44·6卜1B
742kB
742kB
READINESSGATES
<none>
<none>
<none>
<none>
<none>
<none>
<none>
<none>
<none>
<none>
<none>
<none>

node节点

计算机生成了可选文字:
[r、oot@nodelkuber、netes]#docker、images
REPOSITORY
mirr、or、googlecontainer、s/kube-pr、oxy-amd64
k8s.gcr、.io/kube-pr、oxy
、edns/cor、edns
k8s．、．io/cor、edns
quay·io/cor、eos/flannel
quay·io/cor、eos/flannel
、、Or、googlecontainer、S/paUSe
k8s、.io/pause
TAG
VI．13．9
VI．13．9
VO．19．9
VO．19．一amd64
IMAGEID
8fa56d18961f
8fa56d18961f
f59dcacceff4
f59dcacceff4
f9fad859C999
f9fad859C999
da86e6ba6ca1
da86e6ba6ca1
CREATED
7daysago
7daysago
5weeksago
5weeksago
19monthsago
19monthsago
11monthsago
11monthsago
SIZE
89·2卜1B
89·2卜1B
49卜1B
49卜1B
44·6卜1B
44·6卜1B
742kB
742kB