

https://blog.csdn.net/sinat_32814161/article/details/77941463

<http://blog.51cto.com/ylw6006/2164981>

搭建etcd集群

集群节点

ssh root@172.16.103.245 k8s-master2

ssh root@172.16.103.184 k8s-master1

ssh root@172.16.103.246 k8s-master3

创建etcd配置文件

cat /etc/etcd/etcd.conf

k8s-master1

ETCD_NAME=k8s-master1

ETCD_DATA_DIR="/var/lib/etcd/default.etcd"

ETCD_LISTEN_PEER_URLS="http://172.16.103.184:2380"

ETCD_LISTEN_CLIENT_URLS="http://172.16.103.184:2379,http://127.0.0.1:2379"

ETCD_INITIAL_ADVERTISE_PEER_URLS="http://172.16.103.184:2380"

ETCD_INITIAL_CLUSTER="k8s-master1=http://172.16.103.184:2380,k8s-

master2=http://172.16.103.245:2380,k8s-master3=http://172.16.103.246:2380"

ETCD_INITIAL_CLUSTER_STATE="new"

ETCD_INITIAL_CLUSTER_TOKEN="etcd-cluster"

ETCD_ADVERTISE_CLIENT_URLS="http://172.16.103.184:2379"

k8s-master2

ETCD_NAME=k8s-master2

ETCD_DATA_DIR="/var/lib/etcd/default.etcd"

ETCD_LISTEN_PEER_URLS="http://172.16.103.245:2380"

ETCD_LISTEN_CLIENT_URLS="http://172.16.103.245:2379,http://127.0.0.1:2379"

ETCD_INITIAL_ADVERTISE_PEER_URLS="http://172.16.103.245:2380"

ETCD_INITIAL_CLUSTER="k8s-master1=http://172.16.103.184:2380,k8s-

master2=http://172.16.103.245:2380,k8s-master3=http://172.16.103.246:2380"

```
ETCD_INITIAL_CLUSTER_STATE="new"
ETCD_INITIAL_CLUSTER_TOKEN="etcd-cluster"
ETCD_ADVERTISE_CLIENT_URLS="http://172.16.103.245:2379"
```

k8s-master3

```
ETCD_NAME=k8s-master3
ETCD_DATA_DIR="/var/lib/etcd/default.etcd"
```

```
ETCD_LISTEN_PEER_URLS="http://172.16.103.246:2380"
ETCD_LISTEN_CLIENT_URLS="http://172.16.103.246:2379,http://127.0.0.1:2379"
ETCD_INITIAL_ADVERTISE_PEER_URLS="http://172.16.103.246:2380"
ETCD_INITIAL_CLUSTER="k8s-master1=http://172.16.103.184:2380,k8s-
master2=http://172.16.103.245:2380,k8s-master3=http://172.16.103.246:2380"
ETCD_INITIAL_CLUSTER_STATE="new"
ETCD_INITIAL_CLUSTER_TOKEN="etcd-cluster"
ETCD_ADVERTISE_CLIENT_URLS="http://172.16.103.246:2379"
```

创建etcd服务

[Unit]

Description=Etcd Server

After=network.target

[Service]

Type=**notify**

WorkingDirectory=/var/lib/etcd/

EnvironmentFile=/etc/etcd/etcd.conf

ExecStart=/usr/bin/etcd

Restart=on-failure

RestartSec=5

[Install]

WantedBy=multi-user.target

启动etcd进程并设置开机自启动

```
$ systemctl daemon-reload
```

```
$ systemctl enable etcd
```

```
$ systemctl restart etcd
```

```
# 检查各台master上etcd进程状态
```

```
$ systemctl status etcd
```

```
# 在任意一台master主机上检查etcd集群状态
```

```
[root@etcd03 ~]# etcdctl cluster-health
```

```
[root@k8s-master2 system]# etcdctl cluster-health
```

```
member 5e07baed309ae4ca is healthy: got healthy result from  
http://172.16.103.246:2379
```

```
member 60c1a3dd61623e47 is healthy: got healthy result from  
http://172.16.103.184:2379
```

```
member 8167f799876901d2 is healthy: got healthy result from  
http://172.16.103.245:2379
```

```
cluster is healthy
```