

安装docker

etcd-cluster的dockercompose文件

cd ~

mkdir etcd-cluster

cd etcd-cluster

vim docker-compose.yml

```
1 version: '3.1'
2 networks:
3   default:
4     external:
5       name: etcd-cluster
6 services:
7   etcd_cluster_node1:
8     image: quay.io/coreos/etcd:v3.2.32
9     container_name: etcd_cluster_node1
10    restart: always
11    environment:
12      - ALLOW_NONE_AUTHENTICATION=yes
13      - ETCD_NAME=etcd_cluster_node1
14      - ETCD_INITIAL_ADVERTISE_PEER_URLS=http://etcd_cluster_node1:2380
15      - ETCD_LISTEN_PEER_URLS=http://0.0.0.0:2380
16      - ETCD_LISTEN_CLIENT_URLS=http://0.0.0.0:2379
17      - ETCD_ADVERTISE_CLIENT_URLS=http://etcd_cluster_node1:2379
18      - ETCD_INITIAL_CLUSTER_TOKEN=etcd-cluster
19      - ETCD_INITIAL_CLUSTER=etcd_cluster_node1=http://etcd_cluster_node1:2380,etcd_cluster_node2=http://etcd_cluster_node2:2380
20      - ETCD_INITIAL_CLUSTER_STATE=new
21      - ETCDCTL_API=3
22    ports:
23      - 12379:2379
24      - 12380:2380
25   etcd_cluster_node2:
26     image: quay.io/coreos/etcd:v3.2.32
27     container_name: etcd_cluster_node2
28     restart: always
29     environment:
30      - ALLOW_NONE_AUTHENTICATION=yes
31      - ETCD_NAME=etcd_cluster_node2
32      - ETCD_INITIAL_ADVERTISE_PEER_URLS=http://etcd_cluster_node2:2380
33      - ETCD_LISTEN_PEER_URLS=http://0.0.0.0:2380
34      - ETCD_LISTEN_CLIENT_URLS=http://0.0.0.0:2379
35      - ETCD_ADVERTISE_CLIENT_URLS=http://etcd_cluster_node2:2379
36      - ETCD_INITIAL_CLUSTER_TOKEN=etcd-cluster
37      - ETCD_INITIAL_CLUSTER=etcd_cluster_node1=http://etcd_cluster_node1:2380,etcd_cluster_node2=http://etcd_cluster_node2:2380
38      - ETCD_INITIAL_CLUSTER_STATE=new
39      - ETCDCTL_API=3
40    ports:
41      - 22379:2379
42      - 22380:2380
43   etcd_cluster_node3:
44     image: quay.io/coreos/etcd:v3.2.32
```

```

45     container_name: etcd_cluster_node3
46     restart: always
47     environment:
48         - ALLOW_NONE_AUTHENTICATION=yes
49         - ETCD_NAME=etcd_cluster_node3
50         - ETCD_INITIAL_ADVERTISE_PEER_URLS=http://etcd_cluster_node3:2380
51         - ETCD_LISTEN_PEER_URLS=http://0.0.0.0:2380
52         - ETCD_LISTEN_CLIENT_URLS=http://0.0.0.0:2379
53         - ETCD_ADVERTISE_CLIENT_URLS=http://etcd_cluster_node3:2379
54         - ETCD_INITIAL_CLUSTER_TOKEN=etcd-cluster
55         - ETCD_INITIAL_CLUSTER=etcd_cluster_node1=http://etcd_cluster_node1:2380,etcd_cluster_node2=f
56         - ETCD_INITIAL_CLUSTER_STATE=new
57         - ETCDCTL_API=3
58     ports:
59         - 32379:2379
60         - 32380:2380

```

:wd 保存文件后，开始构建

docker network create etcd-cluster

docker-compose up -d

然后配置环境变量到系统

export ETCDV3\_SERVER\_URLS=<http://127.0.0.1:12379>,<http://127.0.0.1:22379>,<http://127.0.0.1:32379>

export ETCDV3\_SERVER\_URL=<http://127.0.0.1:12379>,<http://127.0.0.1:22379>,<http://127.0.0.1:32379>

export ETCDCTL\_API=3

etcd集群状态探测：

etcdctl --write-out=table --endpoints=127.0.0.1:12379,127.0.0.1:22379,127.0.0.1:32379 endpoint status