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将有问题的etcd节点重新加入集群

2017年11月15日 写评论 28

etcd集群中某个节点坏掉，或不小心清空了某个节点的数据，可以按照如下步骤重新将此节点加入集群

1.从集群删除坏掉的节点

1.查看集群健康状态，找到坏掉的节点ID：

```
1 etcdctl --endpoints=https://10.4.63.161:2379 --ca-file=/etc/ssl/etcd/ssl/ca.pem --cert-file=/etc/ssl/etcd/ssl/node-k8sm
```

2.将此节点从集群中移除

```
1 etcdctl --endpoints=https://10.4.63.161:2379 --ca-file=/etc/ssl/etcd/ssl/ca.pem --cert-file=/etc/ssl/etcd/ssl/node-k8sm
```

2. 修改坏掉节点的配置文件

vim /etc/etcd.env

```
1 ETCD_DATA_DIR=/dcos/etcd
2 ETCD_ADVERTISE_CLIENT_URLS=https://10.4.63.160:2379
3 ETCD_INITIAL_ADVERTISE_PEER_URLS=https://10.4.63.160:2380
4 ETCD_INITIAL_CLUSTER_STATE=existing -----修改,从new改为existing
5 ETCD_LISTEN_CLIENT_URLS=https://10.4.63.160:2379,https://127.0.0.1:2379
6 ETCD_ELECTION_TIMEOUT=5000
7 ETCD_HEARTBEAT_INTERVAL=250
8 ETCD_INITIAL_CLUSTER_TOKEN=k8s_etcd
9 ETCD_LISTEN_PEER_URLS=https://10.4.63.160:2380
10 ETCD_NAME=etcd1
11 ETCD_PROXY=off
12 ETCD_INITIAL_CLUSTER=etcd1=https://10.4.63.160:2380,etcd2=https://10.4.63.161:2380,etcd3=https://10.4.63.162:2380
13
14 # TLS settings
15 ETCD_TRUSTED_CA_FILE=/etc/ssl/etcd/ssl/ca.pem
16 ETCD_CERT_FILE=/etc/ssl/etcd/ssl/member-k8smaster01.pem
17 ETCD_KEY_FILE=/etc/ssl/etcd/ssl/member-k8smaster01-key.pem
18 ETCD_PEER_TRUSTED_CA_FILE=/etc/ssl/etcd/ssl/ca.pem
19 ETCD_PEER_CERT_FILE=/etc/ssl/etcd/ssl/member-k8smaster01.pem
20 ETCD_PEER_KEY_FILE=/etc/ssl/etcd/ssl/member-k8smaster01-key.pem
21 ETCD_PEER_CLIENT_CERT_AUTH=true
```

3.将此节点作为新成员添加入集群

```
1 etcdctl --endpoints=https://10.4.63.161:2379 --ca-file=/etc/ssl/etcd/ssl/ca.pem --cert-file=/etc/ssl/etcd/ssl/node-k8sm
```

4.重启坏掉的节点

systemctl restart etcd

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