1. 备份etcd数据
2. 下载新版etcd包
3. 停止etcd
4. 替换etcd和etcdctl
5. 启动

V2命令

[root@k8s-master01 v1.19]# etcdctl --ca-file /etc/kubernetes/pki/etcd/etcd-ca.pem --key-file /etc/kubernetes/pki/etcd/etcd-key.pem --cert-file /etc/kubernetes/pki/etcd/etcd.pem --endpoints https://192.168.1.19:2379,https://192.168.1.18:2379,https://192.168.1.20:2379 member list

1651f291b1201b68: name=k8s-master03 peerURLs=https://192.168.1.20:2380 clientURLs=https://192.168.1.20:2379 isLeader=false

591282d2056a3b01: name=k8s-master01 peerURLs=https://192.168.1.19:2380 clientURLs=https://192.168.1.19:2379 isLeader=true

e696296bcd91a2e4: name=k8s-master02 peerURLs=https://192.168.1.18:2380 clientURLs=https://192.168.1.18:2379 isLeader=false

export ETCDCTL\_API=3

[root@k8s-master01 v1.19]# etcdctl --cacert=/etc/kubernetes/pki/etcd/etcd-ca.pem --key=/etc/kubernetes/pki/etcd/etcd-key.pem --cert=/etc/kubernetes/pki/etcd/etcd.pem --endpoints https://192.168.1.19:2379,https://192.168.1.18:2379,https://192.168.1.20:2379 member list

1651f291b1201b68, started, k8s-master03, https://192.168.1.20:2380, https://192.168.1.20:2379

591282d2056a3b01, started, k8s-master01, https://192.168.1.19:2380, https://192.168.1.19:2379

e696296bcd91a2e4, started, k8s-master02, https://192.168.1.18:2380, <https://192.168.1.18:2379>

下线Node节点

[root@k8s-master01 bin]# kubectl drain k8s-master02 --delete-local-data --force --ignore-daemonsets

node/k8s-master02 cordoned

WARNING: ignoring DaemonSet-managed Pods: kube-system/calico-node-7f9vj

evicting pod default/busybox-7d97f967df-rmdz9

pod/busybox-7d97f967df-rmdz9 evicted

node/k8s-master02 evicted

calico升级

<https://docs.projectcalico.org/maintenance/kubernetes-upgrade#upgrading-an-installation-that-uses-the-kubernetes-api-datastore>

calico安装：

<https://docs.projectcalico.org/getting-started/kubernetes/self-managed-onprem/onpremises>

kube-dns

coredns

<https://github.com/coredns/coredns.git>

git clone <https://github.com/coredns/coredns.git>

git clone https://github.com/coredns/deployment.git