# SOP-route

这是比较老的用法,在最新的ubuntu 和centos等系统,命令ip已经集成

临时增/删网卡都有可能影响正常的出口路由,此时更改默认路由

方法一,

## 1. 删除默认路由

```
sudo route del default dev eno2
```

# 2. 增加默认路由

```
sudo route add -net 0.0.0.0 netmask 0.0.0.0 gw 192.168.0.1 dev eno2
```

#### 方法二

安装ifmetric来改变网卡的metric,路由表第一条是总出口,metric要大于它或小于它

```
sudo apt-get install ifmetric
sudo ifmetric bond0 101
```

## 有多条口的时候 就要指向端口啦

```
g⊎pxe:~a route -n
Kernel IP routing table
Destination
              Gateway
                               Genmask
                                               Flags Metric Ref
                                                                  Use Iface
0.0.0.0
               172.16.12.1
                               0.0.0.0
                                               UG
                                                     100
                                                           0
                                                                    0 enp0s8
0.0.0.0
               172.16.21.1
                               0.0.0.0
                                               UG
                                                     100
                                                           0
                                                                    0 enp0s3
172.16.12.0
              0.0.0.0
                               255.255.255.0 U
                                                     0
                                                           0
                                                                   0 enp0s8
                               255.255.255.255 UH
172.16.12.1
                                                    100
              0.0.0.0
                                                           0
                                                                   0 enp0s8
172.16.21.0
              0.0.0.0
                               255.255.255.0 U
                                                     0
                                                           0
                                                                   0 enp0s3
172.16.21.1
               0.0.0.0
                               255.255.255.255 UH
                                                     100
                                                           0
                                                                    0 enp0s3
xg@pxe:~$ sudo route del default gw 172.16.12.1 dev enp0s8
xg@pxe:~$ route -n
Kernel IP routing table
Destination Gateway
                                               Flags Metric Ref
                                                                  Use Iface
                               Genmask
                                                     100
0.0.0.0
               172.16.21.1
                               0.0.0.0
                                               UG
                                                           0
                                                                    0 enp0s3
172.16.12.0
                               255.255.255.0
               0.0.0.0
                                               U
                                                     0
                                                            0
                                                                    0 enp0s8
172.16.12.1
                               255.255.255.255 UH
                                                     100
                                                                    0 enp0s8
               0.0.0.0
                                                           0
172.16.21.0
               0.0.0.0
                               255.255.255.0 U
                                                     0
                                                           ø
                                                                    0 enp0s3
172.16.21.1
                                                                    0 enp0s3
               0.0.0.0
                               255.255.255.255 UH
                                                     100
                                                           0
```

```
sudo route del default gw 172.16.12.1 dev enp0s8 sudo route del default gw 172.16.12.1
```

添加也是一个道理

```
xg@pxe:~$ route -n
Kernel IP routing table
                                                Flags Metric Ref
Destination
                Gateway
                                Genmask
                                                                     Use Iface
0.0.0.0
                172.16.21.1
                                0.0.0.0
                                                UG
                                                       100
                                                              0
                                                                       0 enp0s3
172.16.12.0
                0.0.0.0
                                255.255.255.0
                                                       0
                                                              0
                                                                       0 enp0s8
                                                U
172.16.12.1
                0.0.0.0
                                255.255.255.255 UH
                                                       100
                                                              0
                                                                       0 enp0s8
172.16.21.0
                0.0.0.0
                                255.255.255.0 U
                                                       0
                                                              0
                                                                       0 enp0s3
                0.0.0.0
172.16.21.1
                                255.255.255.255 UH
                                                       100
                                                              0
                                                                       0 enp0s3
xg@pxe:~$ sudo route add default gw 172.16.12.1 dev enp0s8
xg@pxe:~$ route -n
Kernel IP routing table
Destination
                Gateway
                                Genmask
                                                Flags Metric Ref
                                                                     Use Iface
0.0.0.0
                172.16.12.1
                                0.0.0.0
                                                UG
                                                       0
                                                              0
                                                                       0 enp0s8
0.0.0.0
                                0.0.0.0
                                                       100
                                                              0
                                                                       0 enp0s3
                172.16.21.1
                                                UG
172.16.12.0
                0.0.0.0
                                255.255.255.0
                                                U
                                                       0
                                                              0
                                                                       0 enp0s8
172.16.12.1
                                255.255.255.255 UH
                0.0.0.0
                                                       100
                                                              0
                                                                       0 enp0s8
172.16.21.0
                0.0.0.0
                                255.255.255.0 U
                                                       0
                                                              0
                                                                       0 enp0s3
172.16.21.1
                0.0.0.0
                                255.255.255.255 UH
                                                       100
                                                              0
                                                                       0 enp0s3
```

sudo route add default gw 172.16.12.1 dev enp0s8