

各服务器route和ip配置:

1.进入netplan目录查找配置文件

```
cd /etc/netplan
```

2.修改网络配置文件

```
sudo vim 01-network-manager-all.yaml
```

3.修改内容

存储了静态路由-终端

```
network:
  version: 2
  renderer: NetworkManager
  ethernets:
    eno2:
      addresses: [10.174.174.2/24]
      dhcp4: no
      dhcp6: no
      gateway4: 10.174.174.1
      nameservers:
        addresses: [202.112.144.236]
      routes:
        - to: 10.0.0.0/8
          via: 10.174.174.1
```

```
sinet@sinet177:~$ route -n
```

内核 IP 路由表

目标	网关	子网掩码	标志	跃点	引用	使用	接口
0.0.0.0	192.168.199.1	0.0.0.0	UG	100	0	0	eno1
10.174.174.0	0.0.0.0	255.255.255.0	U	122	0	0	ens42f0
10.180.180.0	0.0.0.0	255.255.255.0	U	118	0	0	ens42f1
169.254.0.0	0.0.0.0	255.255.0.0	U	1000	0	0	eno1
192.168.199.0	0.0.0.0	255.255.255.0	U	100	0	0	eno1

```
sinet@sinet177:~$
```

```
1 network:
2   version: 2
3   renderer: NetworkManager
4   ethernets:
5     eno2:
6       addresses: [10.180.180.2/24]
7       dhcp4: no
8       dhcp6: no
9       gateway4: 10.180.180.1
10      nameservers:
11        addresses: [202.112.144.236]
12      routes:
13        - to: 10.0.0.0/8
14          via: 10.180.180.1
```

```
sinet@sinet179:/etc/netplan$ sudo route del default gw 10.180.180.1
```

删除没用的路由

```
sinet@sinet179:/etc/netplan$ route -n
```

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
0.0.0.0	192.168.199.1	0.0.0.0	UG	100	0	0	eno1
0.0.0.0	10.180.180.1	0.0.0.0	UG	20101	0	0	eno2
10.0.0.0	10.180.180.1	255.0.0.0	U	101	0	0	eno2
10.180.180.0	0.0.0.0	255.255.255.0	U	101	0	0	eno2
169.254.0.0	0.0.0.0	255.255.0.0	U	1000	0	0	eno1
192.168.199.0	0.0.0.0	255.255.255.0	U	100	0	0	eno1

```
sinet@sinet179:/etc/netplan$
```

不存储静态路由-交换机-网关

```
network:
  version: 2
  renderer: NetworkManager
  ethernet:
    ens1f3:
      addresses: [10.162.162.1/24]
      dhcp4: no
      dhcp6: no
      nameservers:
        addresses: [202.112.144.236]
```

```
network:
  version: 2
  renderer: NetworkManager
  ethernet:
    ens1f3:
      addresses: [10.162.162.1/24]
      dhcp4: no
      dhcp6: no
      nameservers:
        addresses: [202.112.144.236]
```

```
sinet@sinet-181:~$ route -n
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
0.0.0.0 192.168.199.1 0.0.0.0 UG 100 0 0 eno8303
10.162.162.0 0.0.0.0 255.255.255.0 U 115 0 0 ens1f3
169.254.0.0 0.0.0.0 255.255.0.0 U 1000 0 0 eno8303
192.168.199.0 0.0.0.0 255.255.255.0 U 100 0 0 eno8303
sinet@sinet-181:~$
```

挂两个终端

```
network:
  version: 2
  renderer: NetworkManager
  ethernet:
    ens42f0:
      addresses: [10.174.174.1/24]
      dhcp4: no
      dhcp6: no
      nameservers:
        addresses: [202.112.144.236]
    ens42f1:
      addresses: [10.180.180.1/24]
      dhcp4: no
      dhcp6: no
      nameservers:
        addresses: [202.112.144.236]
```

```
ethernet:
  ens42f0:
    addresses: [10.174.174.1/24]
    dhcp4: no
    dhcp6: no
    nameservers:
      addresses: [202.112.144.236]
  ens42f1:
    addresses: [10.180.180.1/24]
    dhcp4: no
    dhcp6: no
    nameservers:
      addresses: [202.112.144.236]
```

```
sinet@sinet177:/etc/netplan$ route -n
内核 IP 路由表
目标 网关 子网掩码 标志 跃点 引用 使用 接口
0.0.0.0 192.168.100.1 0.0.0.0 UG 100 0 0 eno1
10.174.174.0 0.0.0.0 255.255.255.0 U 122 0 0 ens42f0
10.180.180.0 0.0.0.0 255.255.255.0 U 118 0 0 ens42f1
169.254.0.0 0.0.0.0 255.255.0.0 U 1000 0 0 eno1
192.168.199.0 0.0.0.0 255.255.255.0 U 100 0 0 eno1
sinet@sinet177:/etc/netplan$
```

```
enp72s0f1:
  dhcp4: no
  dhcp6: no
  addresses: [10.172.172.1/24]
  nameservers:
    addresses: [202.112.144.236]
enp72s0f0:
  dhcp4: no
  dhcp6: no
  addresses: [10.170.170.1/24]
  nameservers:
    addresses: [202.112.144.236]
```

```
sinet@sinet:/etc/netplan$ sudo route add default gw 192.168.199.1 dev enx8e43b9d9975
sinet@sinet:/etc/netplan$ route -n
内核 IP 路由表
目标 网关 子网掩码 标志 跃点 引用 使用 接口
0.0.0.0 192.168.199.1 0.0.0.0 UG 100 0 0 enx8e43b9d9975
10.170.170.0 0.0.0.0 255.255.255.0 U 110 0 0 enp72s0f0
10.172.172.0 0.0.0.0 255.255.255.0 U 111 0 0 enp72s0f1
169.254.0.0 0.0.0.0 255.255.0.0 U 1000 0 0 eno2
192.168.199.0 0.0.0.0 255.255.255.0 U 0 0 0 enx8e43b9d9975
219.242.112.0 0.0.0.0 255.255.255.0 U 100 0 0 eno2
sinet@sinet:/etc/netplan$
```

4.重启应用设置

```
sudo netplan apply
```

5.检查

```
ifconfig  
route -n
```

附录-常用命令

```
#加默认路由  
sudo route add default gw 192.168.199.1 dev enx8e43b9d9975  
#删除默认路由  
sudo route del default gw 网关  
#加路由  
add 增加路由 del 删除路由 -net 设置到某个网段的路由 -host 设置到某台主机的路由 gw 出口网关  
IP地址 dev 出口网关 物理设备名
```