

//4 router static

router 1

```
en
conf t
int Gig0/0/0
ip address 192.168.8.1 255.255.255.0
no shut
exit
int Se0/1/0
ip address 10.0.0.1 255.0.0.0
no shut
exit
ip route 192.168.0.0 255.255.255.0 10.0.0.2
ip route 192.168.10.0 255.255.255.0 10.0.0.2
ip route 192.168.12.0 255.255.255.0 10.0.0.2
exit
```

router 2

```
en
conf t
int Gig0/0/0
ip address 192.168.0.1 255.255.255.0
no shut
exit
int Se0/1/0
ip address 10.0.0.2 255.0.0.0
no shut
int Se0/1/1
ip address 11.0.0.1 255.0.0.0
no shut
exit
ip route 192.168.8.0 255.255.255.0 10.0.0.1
ip route 192.168.10.0 255.255.255.0 11.0.0.2
ip route 192.168.12.0 255.255.255.0 11.0.0.2
exit
```

router 3

```
en
conf t
int Gig0/0/0
ip address 192.168.10.1 255.255.255.0
no shut
```

```
exit
int Se0/1/0
ip address 11.0.0.2 255.0.0.0
no shut
int Se0/1/1
ip address 12.0.0.1 255.0.0.0
no shut
exit
ip route 192.168.8.0 255.255.255.0 11.0.0.1
ip route 192.168.0.0 255.255.255.0 11.0.0.1
ip route 192.168.12.0 255.255.255.0 12.0.0.2
exit
```

router 4

```
en
conf t
int Gig0/0/0
ip address 192.168.12.1 255.255.255.0
no shut
exit
int Se0/1/0
ip address 12.0.0.2 255.0.0.0
no shut
exit
ip route 192.168.8.0 255.255.255.0 12.0.0.1
ip route 192.168.0.0 255.255.255.0 12.0.0.1
ip route 192.168.10.0 255.255.255.0 12.0.0.1
Exit
```

Dynamic rip
//RIP 4 router

Router 1

```
en
conf t
int Gig0/0/0
ip address 192.168.8.1 255.255.255.0
no shut
exit
int Se0/1/0
ip address 10.0.0.1 255.0.0.0
no shut
exit
router rip
```

```
version 2
network 192.168.8.0
network 10.0.0.0
network 192.168.12.0
no auto-summary
exit
```

Router 2

```
en
conf t
int Gig0/0/0
ip address 192.168.0.1 255.255.255.0
no shut
exit
int Se0/1/0
ip address 10.0.0.2 255.0.0.0
no shut
int Se0/1/1
ip address 11.0.0.1 255.0.0.0
no shut
exit
router rip
version 2
network 192.168.0.0
network 10.0.0.0
network 11.0.0.0
no auto-summary
exit
```

Router 3

```
en
conf t
int Gig0/0/0
ip address 192.168.10.1 255.255.255.0
no shut
exit
int Se0/1/0
ip address 11.0.0.2 255.0.0.0
no shut
int Se0/1/1
ip address 12.0.0.1 255.0.0.0
no shut
exit
router rip
version 2
network 192.168.10.0
network 11.0.0.0
```

```
network 12.0.0.0
no auto-summary
exit
```

Router 4

```
en
conf t
int Gig0/0/0
ip address 192.168.12.1 255.255.255.0
no shut
exit
int Se0/1/0
ip address 12.0.0.2 255.0.0.0
no shut
exit
router rip
version 2
network 192.168.12.0
network 12.0.0.0
no auto-summary
Exit
```

3 router static

//3 router

router 1

```
en
conf t
int Gig0/0/0
ip address 192.168.8.1 255.255.255.0
no shut
exit
int Se0/1/0
ip address 10.0.0.1 255.0.0.0
no shut
exit
ip route 192.168.0.0 255.255.255.0 10.0.0.2
ip route 192.168.10.0 255.255.255.0 10.0.0.2
exit
```

router 2

```
en
conf t
int Gig0/0/0
ip address 192.168.0.1 255.255.255.0
no shut
exit
int Se0/1/0
ip address 10.0.0.2 255.0.0.0
no shut
int Se0/1/1
ip address 11.0.0.1 255.0.0.0
no shut
exit
ip route 192.168.8.0 255.255.255.0 10.0.0.1
ip route 192.168.10.0 255.255.255.0 11.0.0.2
exit
```

router 3

```
en
conf t
int Gig0/0/0
ip address 192.168.10.1 255.255.255.0
no shut
exit
int Se0/1/0
ip address 11.0.0.2 255.0.0.0
no shut
exit
ip route 192.168.8.0 255.255.255.0 11.0.0.1
ip route 192.168.0.0 255.255.255.0 11.0.0.1
exit
```

3 router dynamic rip

Router 1

```
en
conf t
int Gig0/0/0
ip address 192.168.8.1 255.255.255.0
no shut
exit
int Se0/1/0
ip address 10.0.0.1 255.0.0.0
no shut
exit
```

```
router rip
version 2
network 192.168.8.0
network 10.0.0.0
no auto-summary
exit
```

```
Router 2
en
conf t
int Gig0/0/0
ip address 192.168.0.1 255.255.255.0
no shut
exit
int Se0/1/0
ip address 10.0.0.2 255.0.0.0
no shut
int Se0/1/1
ip address 11.0.0.1 255.0.0.0
no shut
exit
router rip
version 2
network 192.168.0.0
network 10.0.0.0
network 11.0.0.0
no auto-summary
exit
```

```
Router 3
en
conf t
int Gig0/0/0
ip address 192.168.10.1 255.255.255.0
no shut
exit
int Se0/1/0
ip address 11.0.0.2 255.0.0.0
no shut
exit
router rip
version 2
network 192.168.10.0
network 11.0.0.0
no auto-summary
exit
```