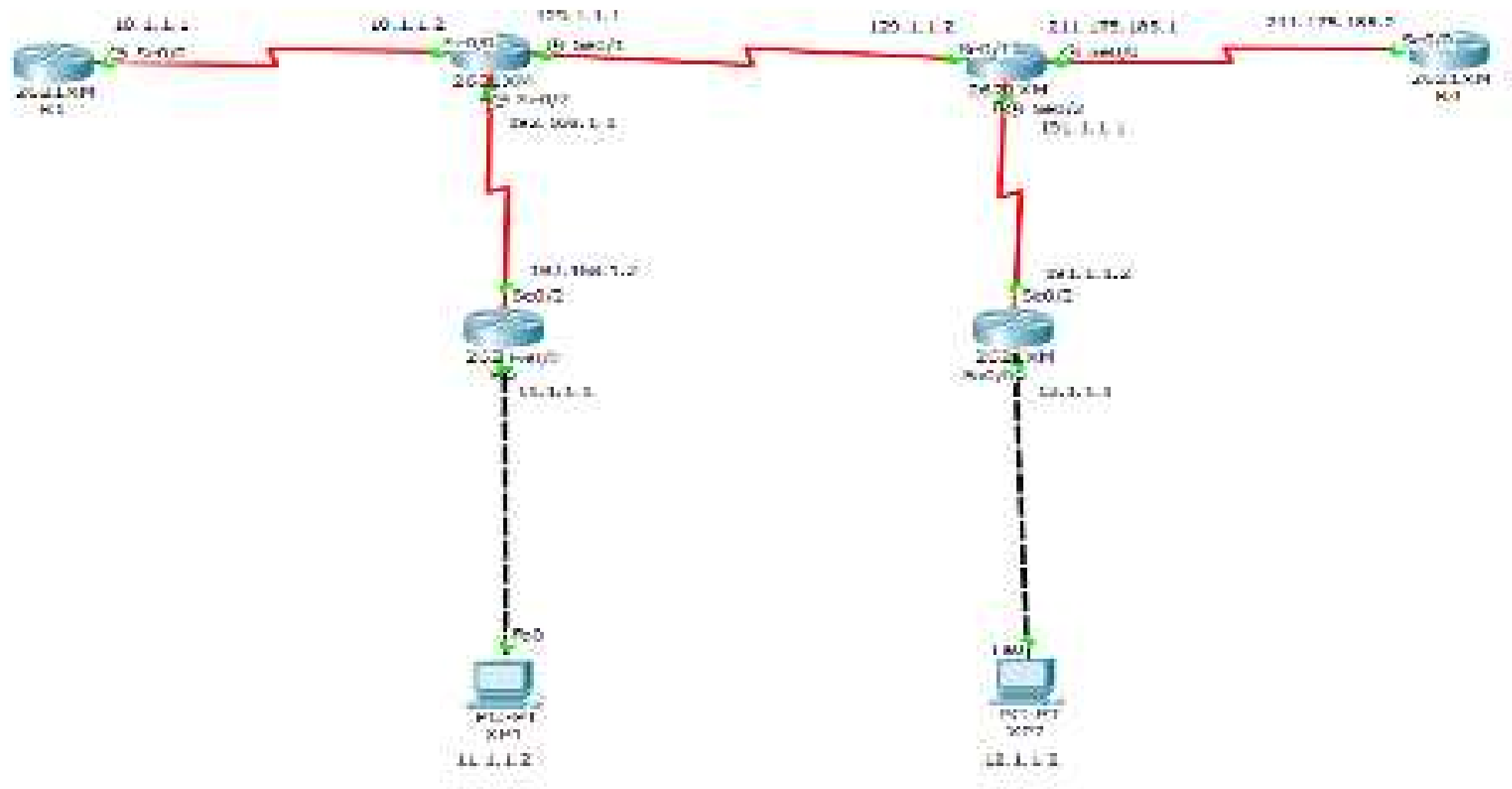


Figure 1-1
Static Routing Configuration



R1

```
interface Serial0/0
 ip address 10.1.1.1 255.0.0.0
 clock rate 2000000
!
interface Serial0/1
 no ip address
 clock rate 2000000
 shutdown
!
interface Serial0/2
 no ip address
 clock rate 2000000
 shutdown
!
interface Serial0/3
 no ip address
 clock rate 2000000
 shutdown
!
interface FastEthernet1/0
 no ip address
 duplex auto
 speed auto
 shutdown
!
interface FastEthernet1/1
 no ip address
 duplex auto
 speed auto
 shutdown
!
ip classless
ip route 129.1.0.0 255.255.0.0 10.1.1.2
ip route 192.168.1.0 255.255.255.0 10.1.1.2
ip route 11.0.0.0 255.0.0.0 10.1.1.2
ip route 211.175.185.0 255.255.255.0 10.1.1.1
ip route 191.1.0.0 255.255.0.0 10.1.1.2
ip route 12.0.0.0 255.0.0.0 10.1.1.2
!
```

R2

```
interface Serial0/0
 ip address 10.1.1.2 255.0.0.0
!
interface Serial0/1
 ip address 129.1.1.1 255.255.0.0
 clock rate 2000000
!
interface Serial0/2
 ip address 192.168.1.1 255.255.255.0
 clock rate 2000000
!
interface Serial0/3
 no ip address
 clock rate 2000000
 shutdown
!
interface FastEthernet1/0
 no ip address
 duplex auto
 speed auto
 shutdown
!
interface FastEthernet1/1
 no ip address
 duplex auto
 speed auto
 shutdown
!
ip classless
ip route 11.0.0.0 255.0.0.0 192.168.1.1
ip route 211.175.185.0 255.255.255.0 10.1.1.1
ip route 191.1.0.0 255.255.0.0 129.1.1.1
ip route 12.0.0.0 255.0.0.0 129.1.1.2
!
```

R3

```
interface Serial0/0
 ip address 211.175.185.1 255.255.255.0
 clock rate 2000000
!
interface Serial0/1
 ip address 129.1.1.2 255.255.0.0
!
interface Serial0/2
 ip address 191.1.1.1 255.255.0.0
 clock rate 2000000
!
interface Serial0/3
 no ip address
 clock rate 2000000
 shutdown
!
interface FastEthernet1/0
 no ip address
 duplex auto
 speed auto
 shutdown
!
interface FastEthernet1/1
 no ip address
 duplex auto
 speed auto
 shutdown
!
ip classless
ip route 12.0.0.0 255.0.0.0 191.1.1.2
ip route 10.0.0.0 255.0.0.0 129.1.1.1
ip route 192.168.1.0 255.255.255.0 129.1.1.1
ip route 11.0.0.0 255.0.0.0 129.1.1.1
```

R4

```
interface Serial0/0
 ip address 211.175.185.2 255.255.255.0
!
interface Serial0/1
 no ip address
 clock rate 2000000
 shutdown
!
interface Serial0/2
 no ip address
 clock rate 2000000
 shutdown
!
interface Serial0/3
 no ip address
 clock rate 2000000
 shutdown
!
interface FastEthernet1/0
 no ip address
 duplex auto
 speed auto
 shutdown
!
interface FastEthernet1/1
 no ip address
 duplex auto
 speed auto
 shutdown
!
ip classless
ip route 191.1.0.0 255.255.0.0 211.175.185.1
ip route 12.0.0.0 255.0.0.0 211.175.185.1
ip route 129.1.0.0 255.255.0.0 211.175.185.1
ip route 10.0.0.0 255.0.0.0 211.175.185.1
ip route 192.168.1.0 255.255.255.0 211.175.185.1
ip route 11.0.0.0 255.0.0.0 211.175.185.1
```

R5

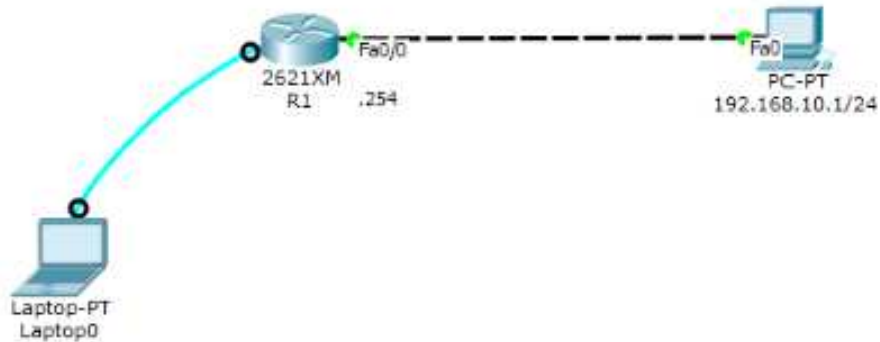
```
interface FastEthernet0/0
 ip address 11.1.1.1 255.0.0.0
 duplex auto
 speed auto
!
interface Serial0/2
 ip address 192.168.1.2 255.255.255.0
!
interface Serial0/3
 no ip address
 clock rate 2000000
 shutdown
!
interface FastEthernet1/0
 no ip address
 duplex auto
 speed auto
 shutdown
!
interface FastEthernet1/1
 no ip address
 duplex auto
 speed auto
 shutdown
!
ip classless
ip route 10.0.0.0 255.0.0.0 192.168.1.1
ip route 129.1.0.0 255.255.0.0 192.168.1.1
ip route 211.175.185.0 255.255.255.0 192.168.1.1
ip route 191.1.0.0 255.255.0.0 192.168.1.1
ip route 12.0.0.0 255.0.0.0 192.168.1.1
```

R6

```
interface FastEthernet0/0
 ip address 12.1.1.1 255.0.0.0
 duplex auto
 speed auto
!
interface Serial0/2
 ip address 191.1.1.2 255.255.0.0
!
interface Serial0/3
 no ip address
 clock rate 2000000
 shutdown
!
interface FastEthernet1/0
 no ip address
 duplex auto
 speed auto
 shutdown
!
interface FastEthernet1/1
 no ip address
 duplex auto
 speed auto
 shutdown
!
ip classless
ip route 211.175.185.0 255.255.255.0 191.1.1.1
ip route 129.1.0.0 255.255.0.0 191.1.1.1
ip route 10.0.0.0 255.0.0.0 191.1.1.1
ip route 192.168.1.0 255.255.255.0 191.1.1.1
ip route 11.0.0.0 255.0.0.0 191.1.1.1
```

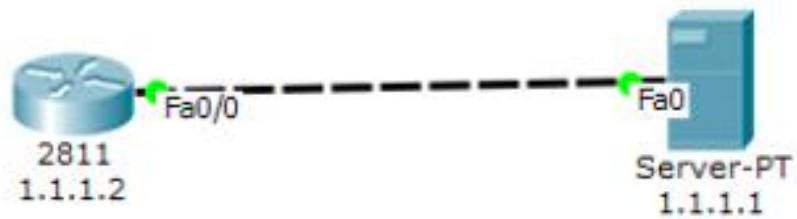
[문항2]

R1의 비밀번호를 분실하여 Rommon 모드에서 enable암호를 cisco로 설정하세요.



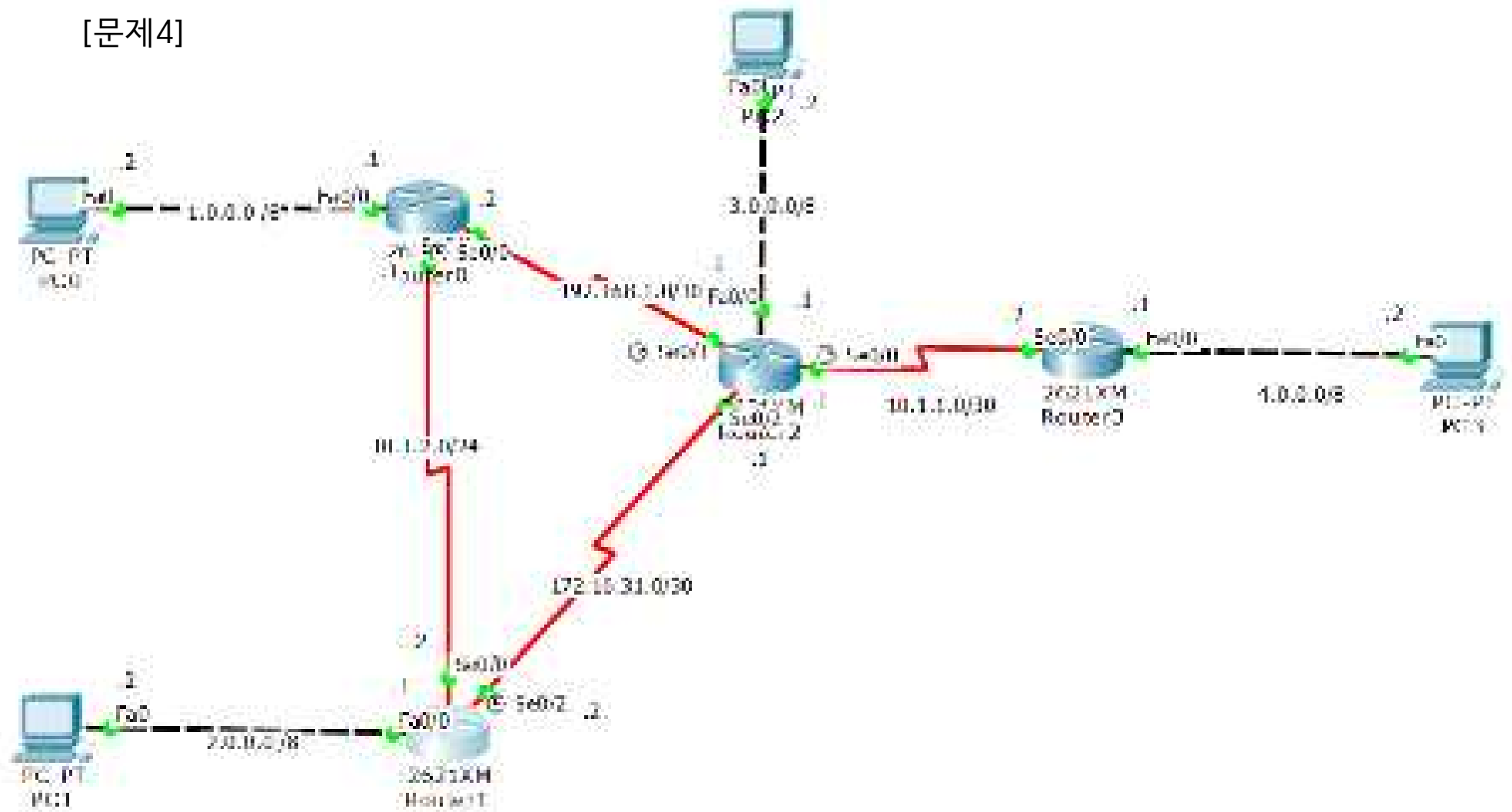
```
confreg 0x2142
reset
line vty 0 4
password cisco
login
enable password cisco
config-register 0x2102
exit
reload
```

문제3



```
copy run star
copy run flash
copy flash tftp
copy tftp flash
copy running-config tftp:
copy tftp: running-config
copy running-config tftp:
```

[문제4]



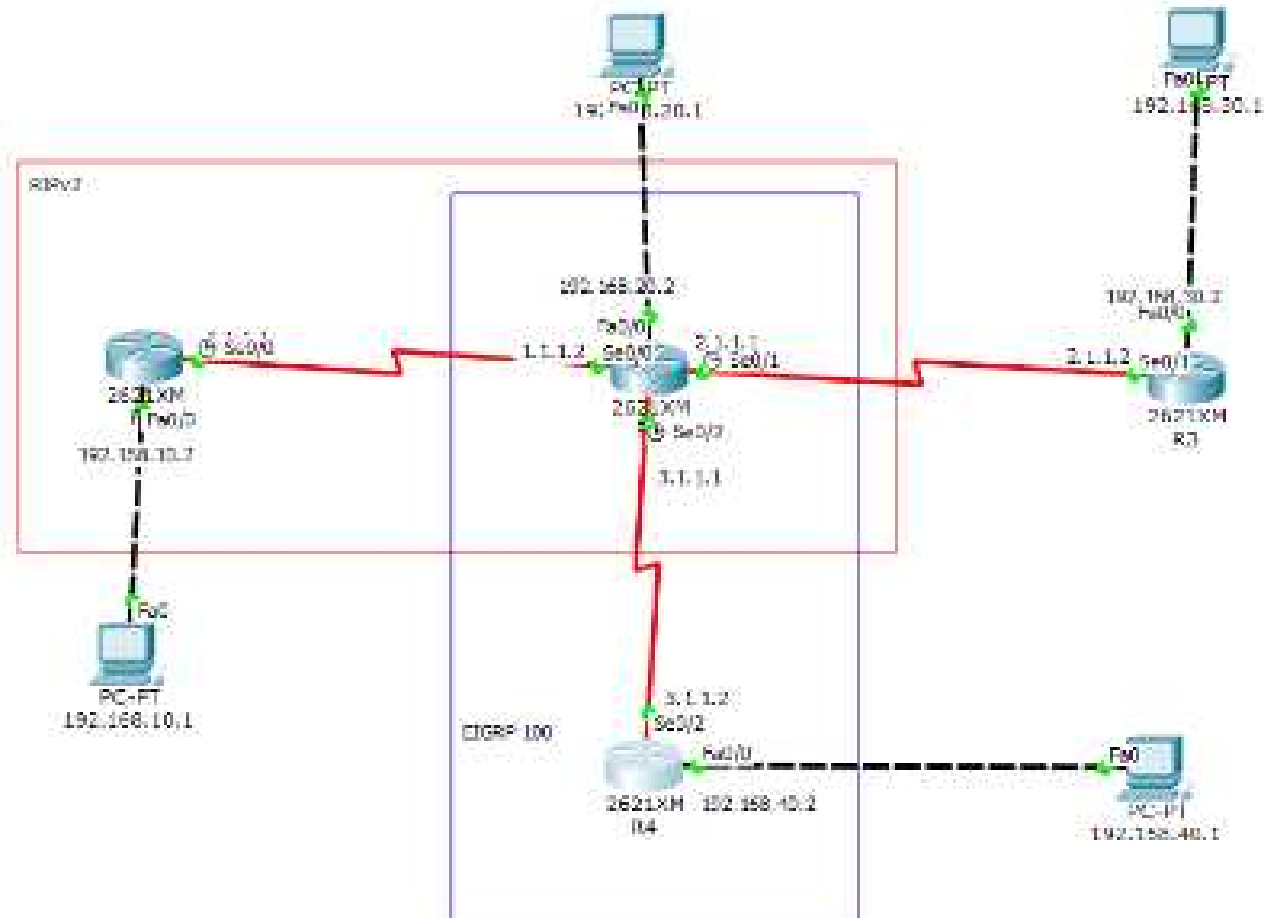

```
router rip
  version 2
  network 1.0.0.0
  network 10.0.0.0
  network 192.168.1.0
  no auto-summary
```

```
router rip
  version 2
  network 2.0.0.0
  network 10.0.0.0
  network 172.16.0.0
  no auto-summary
```

```
router rip
  version 2
  network 3.0.0.0
  network 10.0.0.0
  network 172.16.0.0
  network 192.168.1.0
  no auto-summary
```

```
router rip
  version 2
  network 4.0.0.0
  network 10.0.0.0
  no auto-summary
```

[문제5]




```

router rip
  version 2
  network 1.0.0.0
  network 192.168.10.0
!
ip classless
ip route 192.168.30.0 255.255.255.0 1.1.1.2
ip route 192.168.40.0 255.255.255.0 1.1.1.2

```

```

C    1.0.0.0/8 is directly connected, Serial0/0
R    2.0.0.0/8 [120/1] via 1.1.1.2, 00:00:27,
Serial0/0
R    3.0.0.0/8 [120/1] via 1.1.1.2, 00:00:27,
Serial0/0
C    192.168.10.0/24 is directly connected,
FastEthernet0/0
R    192.168.20.0/24 [120/1] via 1.1.1.2, 00:00:27,
Serial0/0
S    192.168.30.0/24 [1/0] via 1.1.1.2
S    192.168.40.0/24 [1/0] via 1.1.1.2

```

```

router eigrp 100
  network 1.0.0.0
  network 3.0.0.0
  network 2.0.0.0
  network 192.168.20.0
  no auto-summary
!

```

```

router rip
  version 2
  network 1.0.0.0
  network 2.0.0.0
  network 3.0.0.0
  network 192.168.20.0
  no auto-summary

```

```

C    1.0.0.0/8 is directly connected, Serial0/0
C    2.0.0.0/8 is directly connected, Serial0/1
C    3.0.0.0/8 is directly connected, Serial0/2
R    192.168.10.0/24 [120/1] via 1.1.1.1, 00:00:21,
Serial0/0
C    192.168.20.0/24 is directly connected,
FastEthernet0/0
S    192.168.30.0/24 [1/0] via 2.1.1.2
S    192.168.40.0/24 [1/0] via 3.1.1.2

```

```
ip route 0.0.0.0 0.0.0.0 2.1.1.1
!
```

```
C    2.0.0.0/8 is directly connected, Serial0/1
C    192.168.30.0/24 is directly connected,
FastEthernet0/0
S*   0.0.0.0/0 [1/0] via 2.1.1.1
```

```
router eigrp 100
 network 192.168.40.0
 network 3.0.0.0
 no auto-summary
```

```
|C    3.0.0.0/8 is directly connected, Serial0/2
|C    192.168.40.0/24 is directly connected,
|FastEthernet0/0
```