

##R01##

```

conf t
!
key chain R1Chain
  key 1
    key-string cisco
!
interface Ethernet0/0
  ip authentication mode eigrp 100 md5
  ip authentication key-chain eigrp 100 R1Chain
!
interface Ethernet0/1
  ip authentication mode eigrp 100 md5
  ip authentication key-chain eigrp 100 R1Chain
!
router eigrp 100
  eigrp router-id 1.1.1.1
  network 1.1.1.1 0.0.0.0
  network 192.168.15.1 255.255.255.255
  network 192.168.51.1 255.255.255.255
  redistribute eigrp 101
!
router eigrp CISCO
  address-family ipv4 unicast autonomous-system 101
  eigrp router-id 1.1.1.1
  network 192.168.12.1 255.255.255.255
  network 192.168.13.1 255.255.255.255
  topology base
  redistribute eigrp 100
!
end

```

##R02##

```

conf t
!
router eigrp CISCO
  address-family ipv4 unicast autonomous-system 101
  eigrp router-id 2.2.2.2
  network 2.2.2.2 0.0.0.0
  network 192.168.12.2 255.255.255.255
  network 192.168.24.2 255.255.255.255
!
end

```

##R03##

```

conf t
!
router eigrp CISCO
  address-family ipv4 unicast autonomous-system 101
  eigrp router-id 3.3.3.3
  network 3.3.3.3 0.0.0.0
  network 192.168.34.3 255.255.255.255
  network 192.168.13.3 255.255.255.255
!
end

```

##R05##

```

conf t
!
key chain R5Chain
  key 1
    key-string cisco
!
interface Ethernet0/0
  ip authentication mode eigrp 100 md5
  ip authentication key-chain eigrp 100 R5Chain
!
interface Ethernet0/1
  ip authentication mode eigrp 100 md5
  ip authentication key-chain eigrp 100 R5Chain
!
router eigrp 100
  eigrp router-id 5.5.5.5
  network 5.5.5.5 0.0.0.0
  network 192.168.15.5 255.255.255.255
  network 192.168.51.5 255.255.255.255
  network 192.168.56.5 255.255.255.255
  network 192.168.57.5 255.255.255.255
!
end

```

##R06##

```

conf t
!
router eigrp 100
  eigrp router-id 6.6.6.6
  network 6.6.6.6 0.0.0.0
  network 192.168.56.6 255.255.255.255
  network 192.168.68.6 255.255.255.255
!
end

```

##R07##

```

conf t
!
router eigrp 100
  eigrp router-id 7.7.7.7
  network 7.7.7.7 0.0.0.0
  network 192.168.57.7 255.255.255.255
  network 192.168.78.7 255.255.255.255
!
end

```

##R08##

```

conf t
!
router eigrp 100
  eigrp router-id 8.8.8.8
  network 8.8.8.8 0.0.0.0
  network 192.168.68.8 255.255.255.255
  network 192.168.78.8 255.255.255.255
  network 172.16.0.0 255.255.0.0
!
end

```

##R04##

```
conf t
!
router eigrp CISCO
address-family ipv4 unicast autonomous-system 101
eigrp router-id 4.4.4.4
network 4.4.4.4 0.0.0.0
network 192.168.24.4 255.255.255.255
network 192.168.34.4 255.255.255.255
network 172.16.40.0 255.255.248.0
!
end
```