##R01##

```
conf t
!
key chain R1Chain
 key 1
  key-string cisco
!
interface Ethernet0/0
 ip rip authentication mode md5
 ip rip authentication key-chain R1Chain
!
interface Ethernet0/1
 ip rip authentication mode md5
 ip rip authentication key-chain R1Chain
!
router rip
version 2
no auto-summary
network 1.0.0.0
network 192.168.15.0
network 192.168.51.0
network 192.168.12.0
network 192.168.13.0
!
end
```

##R02##

```
conf t
!
router rip
version 2
no auto-summary
network 2.0.0.0
network 192.168.12.0
network 192.168.24.0
!
end
```

##R03##

```
conf t
!
router rip
version 2
no auto-summary
network 3.0.0.0
network 192.168.13.0
!
end
```

##R04##

```
conf t
!
route-map CONNECTED deny 10
match interface Ethernet0/0 Serial1/0
!
route-map CONNECTED permit 20
!
router rip
version 2
no auto-summary
network 4.0.0.0
network 192.168.24.0
redistribute connected route-map CONNECTED
!
end
```

##R05##

```
conf t
!
key chain R5Chain
 key 1
  key-string cisco
!
interface Ethernet0/0
 ip rip authentication mode md5
 ip rip authentication key-chain R5Chain
!
interface Ethernet0/1
 ip rip authentication mode md5
 ip rip authentication key-chain R5Chain
!
router rip
version 2
no auto-summary
network 5.0.0.0
network 192.168.15.0
network 192.168.51.0
network 192.168.56.0
!
end
```

##R06##

```
conf t
!
router rip
version 2
no auto-summary
network 6.0.0.0
network 192.168.68.0
network 192.168.56.0
!
end
```

##R07##

```
conf t
!
router rip
version 2
no auto-summary
network 7.0.0.0
network 192.168.78.0
!
end
```

##R08##

```
conf t
!
router rip
version 2
no auto-summary
network 8.0.0.0
network 192.168.68.0
network 192.168.78.0
network 172.16.0.0
!
end
```