

- R01 ve R05 in Ethernet 0/1 interfaceleri “shutdown” edilsin.
  - AS14786 içinde bulunan R01,R02 ve R03 kendi aralarında OSPF routing protokolünü konuşacaklar.
  - AS23877 içinde bulunan R05,R06,R07 ve R08 kendi aralarında EIGRP routing protokolünü konuşacaklar.
- ✓ R01 ve R05 Aşağıdaki erişimleri gerçekleştirebilecek:

```
R01#ping 2.2.2.2 source loopback 0
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 2.2.2.2, timeout is 2 seconds:
Packet sent with a source address of 1.1.1.1
!!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 1/3/5 ms

R01#ping 3.3.3.3 source loopback 0
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 3.3.3.3, timeout is 2 seconds:
Packet sent with a source address of 1.1.1.1
!!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 4/4/5 ms
R01#
```

```
R05#ping 172.16.85.85 source loopback 0
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 172.16.85.85, timeout is 2 seconds:
Packet sent with a source address of 5.5.5.5
!!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 4/4/6 ms
R05#
```

- R01 ile R05 eBGP komşuluğu kursun.
- R01 2.2.2.2/32 ve 3.3.3.3/32 network`lerini R05`e anons etsin.
- R05 172.16.85.85/32 network`unu R01`e anons etsin.
- R05 sadece 172.16.84.84/32 network`unu BGP`ye redistribute etsin.
- R01, R02 ve R03 ile Loopback0 adresleri üzerinden iBGP komşuluğu kursun.
- R05 ile R08 Loopback0 adresleri üzerinden iBGP komşuluğu kursun.
- R02 ve R03, AS3675 de bulunan R04 ile eBGP komşuluğu kursun.
- R04, 172.16.44.44/32 ve 172.16.45.45/32 network`lerini BGP ile anons etsin.

✓ R04 Aşağıdaki erişimleri sağlamalı.

```
R04#ping 172.16.84.84 source loopback 44
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 172.16.84.84, timeout is 2 seconds:
Packet sent with a source address of 172.16.44.44
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 8/8/9 ms
R04#
R04#ping 172.16.85.85 source loopback 45
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 172.16.85.85, timeout is 2 seconds:
Packet sent with a source address of 172.16.45.45
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 8/8/9 ms
R04#
```

**NOT: AS23877`de Routing problemi giderilmesi gerekiyor.**