

❖ Bütün cihazlar ROUTE-BGP-RS-LAB-1.1'in son halinde olsun.

✓ Aşağıdaki çıktıları sağlayın. Birebir aynı olması gerekir.

```
R01#show ip bgp
BGP table version is 36, local router ID is 1.1.1.1
Status codes: s suppressed, d damped, h history, * valid, > best, i - internal,
               r RIB-failure, S Stale, m multipath, b backup-path, f RT-Filter,
               x best-external, a additional-path, c RIB-compressed,
Origin codes: i - IGP, e - EGP, ? - incomplete
RPKI validation codes: V valid, I invalid, N Not found

   Network          Next Hop          Metric LocPrf Weight Path
*> 2.2.2.2/32       192.168.12.2      11           32768 i
*> 3.3.3.3/32       192.168.13.3      11           32768 i
* i 172.16.44.44/32 3.3.3.3           0           101        0 3675 i
*>i                2.2.2.2           0           172        0 3675 i
*>i 172.16.45.45/32 3.3.3.3           0           172        0 3675 i
* i                2.2.2.2           0           101        0 3675 i
*> 172.16.84.84/32 192.168.15.5      435200      0 23877 23877 23877 23877 ?
*> 172.16.85.85/32 192.168.15.5      435200      0 23877 23877 23877 23877 23877 i
R01#
```

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R02#show ip bgp
BGP table version is 34, local router ID is 2.2.2.2
Status codes: s suppressed, d damped, h history, * valid, > best, i - internal,
               r RIB-failure, S Stale, m multipath, b backup-path, f RT-Filter,
               x best-external, a additional-path, c RIB-compressed,
Origin codes: i - IGP, e - EGP, ? - incomplete
RPKI validation codes: V valid, I invalid, N Not found

   Network          Next Hop          Metric LocPrf Weight Path
r>i 2.2.2.2/32       1.1.1.1           11          100         0 i
r>i 3.3.3.3/32       1.1.1.1           11          100         0 i
*> 172.16.44.44/32 192.168.24.4      0           0 3675 i
*> 172.16.45.45/32 192.168.24.4      0           0 3675 i
*>i 172.16.84.84/32 1.1.1.1           435200      100         0 23877 23877 23877 23877 ?
*>i 172.16.85.85/32 1.1.1.1           435200      100         0 23877 23877 23877 23877 23877 i
R02#
```

```
R03#show ip bgp
BGP table version is 36, local router ID is 3.3.3.3
Status codes: s suppressed, d damped, h history, * valid, > best, i - internal,
               r RIB-failure, S Stale, m multipath, b backup-path, f RT-Filter,
               x best-external, a additional-path, c RIB-compressed,
Origin codes: i - IGP, e - EGP, ? - incomplete
RPKI validation codes: V valid, I invalid, N Not found

   Network          Next Hop          Metric LocPrf Weight Path
r>i 2.2.2.2/32       1.1.1.1           11          100         0 i
r>i 3.3.3.3/32       1.1.1.1           11          100         0 i
*> 172.16.44.44/32 192.168.34.4      0           0 3675 i
*> 172.16.45.45/32 192.168.34.4      0           0 3675 i
*>i 172.16.84.84/32 1.1.1.1           435200      100         0 23877 23877 23877 23877 ?
*>i 172.16.85.85/32 1.1.1.1           435200      100         0 23877 23877 23877 23877 23877 i
R03#
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R04#show ip bgp
BGP table version is 72, local router ID is 172.16.45.45
Status codes: s suppressed, d damped, h history, * valid, > best, i - internal,
               r RIB-failure, S Stale, m multipath, b backup-path, f RT-Filter,
               x best-external, a additional-path, c RIB-compressed,
Origin codes: i - IGP, e - EGP, ? - incomplete
RPKI validation codes: V valid, I invalid, N Not found

   Network          Next Hop          Metric LocPrf Weight Path
*> 2.2.2.2/32       192.168.24.2      666             123 14786 14786 14786 i
*                   192.168.34.3      999             15 14786 14786 14786 14786 ?
* 3.3.3.3/32       192.168.24.2      999             15 14786 14786 14786 14786 ?
*>                   192.168.34.3      666             123 14786 14786 14786 i
*> 172.16.44.44/32  0.0.0.0           0               32768 i
*> 172.16.45.45/32  0.0.0.0           0               32768 i
*> 172.16.84.84/32  192.168.24.2      666             11 14786 23877 23877 23877 23877 ?
*                   192.168.34.3      999             11 14786 23877 23877 23877 23877 ?
* 172.16.85.85/32  192.168.24.2      999             11 14786 23877 23877 23877 23877 23877 i
*>                   192.168.34.3      666             11 14786 23877 23877 23877 23877 23877 i
R04#

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R05#show ip bgp
BGP table version is 15, local router ID is 5.5.5.5
Status codes: s suppressed, d damped, h history, * valid, > best, i - internal,
               r RIB-failure, S Stale, m multipath, b backup-path, f RT-Filter,
               x best-external, a additional-path, c RIB-compressed,
Origin codes: i - IGP, e - EGP, ? - incomplete
RPKI validation codes: V valid, I invalid, N Not found

   Network          Next Hop          Metric LocPrf Weight Path
*> 2.2.2.2/32       192.168.15.1      11              0 14786 i
*> 3.3.3.3/32       192.168.15.1      11              0 14786 i
*> 172.16.44.44/32  192.168.15.1      888             0 14786 3675 ?
*> 172.16.45.45/32  192.168.15.1      888             0 14786 3675 i
*> 172.16.84.84/32  192.168.56.6      435200          32768 ?
*> 172.16.85.85/32  192.168.56.6      435200          32768 i
R05#

```

✓ 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#

```