



r7

router bgp 65046

router-id 10.46.255.255

bgp log-neighbor-changes

neighbor 10.46.255.254 remote-as 65046

neighbor 10.46.255.254 next-hop-self

neighbor 10.46.255.254 update-source Loopback0

neighbor 10.46.255.254 password lab123!

router-id 10.46.255.254

r7 ja r8

router bgp 65046

route-reflector preserve-attributes

neighbor 10.46.255.254 remote-as 65046

neighbor 10.46.255.254 next-hop-self

neighbor 10.46.255.254 update-source Loopback0

neighbor 10.46.255.254 password lab123!

```
neighbor RRCLIENT peer group
neighbor RRCLIENT remote-as 65046
neighbor RRCLIENT next-hop-self
neighbor RRCLIENT update-source Loopback0
neighbor RRCLIENT password lab123!
neighbor 10.46.255.1 peer group RRCLIENT
neighbor 10.46.255.2 peer group RRCLIENT
neighbor 10.46.255.3 peer group RRCLIENT
neighbor 10.46.255.4 peer group RRCLIENT
neighbor 10.46.255.5 peer group RRCLIENT
neighbor 10.46.255.6 peer group RRCLIENT
```

r1-r6

```
router bgp 65046
router-id 10.46.255.1
bgp log-neighbor-changes
neighbor RR update-source loopback0
neighbor RR next-hop-self
neighbor RR password lab123!
neighbor 10.46.255.254 peer group RR
neighbor 10.46.255.255 peer group RR
redistribute connected
```

R7 ja r8

```
router bgp 65046
neighbor RRCLIENT route-reflector-client
```

cluster id

r7

router pgb 65046

bgp cluster-id 10.46.255.0