

# Weight

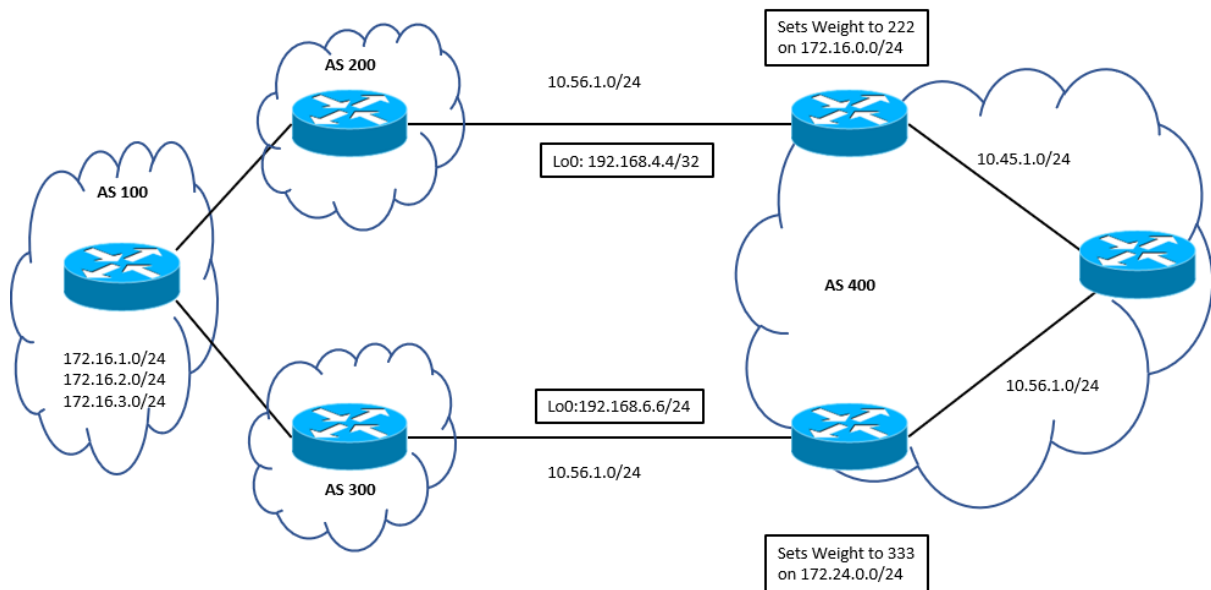


Figure:1

R1

```
neighbor 10.12.1.2 remote-as 200
neighbor 10.13.1.2 remote-as 300
neighbor 172.16.1.1 remote-as 100
neighbor 172.16.2.1 remote-as 100
neighbor 172.16.3.1 remote-as 100
neighbor 192.168.2.2 remote-as 200
neighbor 192.168.2.2 update-source lo0
neighbor 192.168.2.2 ebgp-multihop 2
neighbor 192.168.3.3 remote-as 300
neighbor 192.168.3.3 update-source lo0
neighbor 192.168.3.3 ebgp-multihop 2
!
address-family ipv4
neighbor 192.168.2.2 activate
neighbor 192.168.3.3 activate
```

R2

```
neighbor 10.12.1.1 remote-as 100
neighbor 10.24.1.2 remote-as 400
neighbor 192.168.1.1 remote-as 100
neighbor 192.168.1.1 update-source lo0
neighbor 192.168.1.1 ebgp-multihop 2
neighbor 192.168.4.4 remote-as 400
neighbor 192.168.4.4 update-source lo0
neighbor 192.168.4.4 ebgp-multihop 2
!
neighbor 192.168.1.1 activate
neighbor 192.168.4.4 activate
```

R3

```
neighbor 10.13.1.1 remote-as 100
neighbor 10.36.1.2 remote-as 400
neighbor 192.168.1.1 remote-as 100
neighbor 192.168.1.1 update-source lo0
neighbor 192.168.1.1 ebgp-multihop 2
```

```
neighbor 192.168.5.5 remote-as 400
neighbor 192.168.5.5 update-source lo0
neighbor 192.168.5.5 ebgp-multihop 2
!
neighbor 192.168.1.1 activate
neighbor 192.168.5.5 activate
```

#### R4

```
ip address prefix-list PRE172
set weight 222
route-map AS200 permit 20
neighbor 10.24.1.1 remote-as 200
neighbor 10.45.1.2 remote-as 400
neighbor 192.168.2.2 remote-as 100
neighbor 192.168.2.2 update-source lo0
neighbor 192.168.2.2 ebgp-multihop 2
neighbor 192.168.5.5 remote-as 400
neighbor 192.168.5.5 update-source lo0
neighbor 192.168.5.5 ebgp-multihop 2
!
neighbor 192.168.5.5 activate
neighbor 192.168.5.5 activate
```

#### R5

```
neighbor 10.45.1.1 remote-as 400 neighbor 10.56.1.1 remote-as 400
neighbor 192.168.4.4 remote-as 400
neighbor 192.168.4.4 update-source lo0
neighbor 192.168.4.4 ebgp-multihop 2
neighbor 192.168.6.6 remote-as 400
neighbor 192.168.6.6 update-source lo0
neighbor 192.168.6.6 ebgp-multihop 2
!
neighbor 192.168.4.4 activate
neighbor 192.168.6.6 activate
```

#### R6

```
ip prefix-list PRE172 permit 172.24.0.0/24
!
route-map AS300 permit 10
match ip address prefix-list PRE172
set weight 333
neighbor 10.36.1.1 remote-as 300
neighbor 10.56.1.2 remote-as 400
neighbor 10.36.1.1 route-map AS300 in
neighbor 192.168.1.1 remote-as 100
neighbor 192.168.1.1 update-source lo0
neighbor 192.168.1.1 ebgp-multihop 2
neighbor 192.168.5.5 remote-as 400
neighbor 192.168.5.5 update-source lo0
neighbor 192.168.5.5 ebgp-multihop 2
!
neighbor 192.168.1.1 activate
neighbor 192.168.5.5 activate
```