

```

##R01##
conf t
!
router bgp 14786
neighbor 192.168.15.5 route-map to-R05 out
!
ip forward-protocol nd
!
ip as-path access-list 1 permit ^3675_
!
ip prefix-list SADECE-44 seq 5 permit 172.16.44.44/32
!
route-map to-R05 permit 10
match ip address prefix-list SADECE-44
set origin incomplete
!
route-map to-R05 permit 20
match as-path 1
set metric 888
!
route-map to-R05 permit 30
!
End

```

```

##R02##
conf t
!
router bgp 14786
neighbor 1.1.1.1 route-map to-R01 out
neighbor 192.168.24.4 route-map to-R04 out
!
ip prefix-list SADECE-2 seq 5 permit 2.2.2.2/32
!
ip prefix-list SADECE-3 seq 5 permit 3.3.3.3/32
!
ip prefix-list SADECE-44 seq 5 permit 172.16.44.44/32
!
ip prefix-list SADECE-45 seq 5 permit 172.16.45.45/32
!
ip prefix-list SADECE-84 seq 5 permit 172.16.84.84/32
!
ip prefix-list SADECE-85 seq 5 permit 172.16.85.85/32
!
route-map to-R04 permit 10
match ip address prefix-list SADECE-2
set metric 666
set as-path prepend 14786 14786
!
route-map to-R04 permit 20
match ip address prefix-list SADECE-3
set metric 999
set origin incomplete
set as-path prepend 14786 14786 14786
!
route-map to-R04 permit 30
match ip address prefix-list SADECE-84
set metric 666
!
route-map to-R04 permit 40
match ip address prefix-list SADECE-85
set metric 999
!
route-map to-R04 permit 50
!
route-map to-R01 permit 10
match ip address prefix-list SADECE-44
set local-preference 172
!
route-map to-R01 permit 20
match ip address prefix-list SADECE-45
set local-preference 101
!
route-map to-R01 permit 30
!
End

```

```

##R03##
conf t
!
router bgp 14786
neighbor 1.1.1.1 route-map to-R01 out
neighbor 192.168.34.4 route-map to-R04 out
!
ip prefix-list SADECE-2 seq 5 permit 2.2.2.2/32
!
ip prefix-list SADECE-3 seq 5 permit 3.3.3.3/32
!
ip prefix-list SADECE-44 seq 5 permit 172.16.44.44/32
!
ip prefix-list SADECE-45 seq 5 permit 172.16.45.45/32
!
ip prefix-list SADECE-84 seq 5 permit 172.16.84.84/32
!
ip prefix-list SADECE-85 seq 5 permit 172.16.85.85/32
!
route-map to-R04 permit 10
match ip address prefix-list SADECE-3
set metric 666
set as-path prepend 14786 14786
!
route-map to-R04 permit 20
match ip address prefix-list SADECE-2
set metric 999
set origin incomplete
set as-path prepend 14786 14786 14786
!
route-map to-R04 permit 30
match ip address prefix-list SADECE-85
set metric 666
!
route-map to-R04 permit 40
match ip address prefix-list SADECE-84
set metric 999
!
route-map to-R04 permit 50
!
route-map to-R01 permit 10
match ip address prefix-list SADECE-45
set local-preference 172
!
route-map to-R01 permit 20
match ip address prefix-list SADECE-44
set local-preference 101
!
route-map to-R01 permit 30
!
End

```

```

##R04##
conf t
!
router bgp 3675
neighbor 192.168.24.2 route-map WEIGHT-2 in
neighbor 192.168.34.3 route-map WEIGHT-3 in
!
ip prefix-list SADECE-2 seq 5 permit 2.2.2.2/32
!
ip prefix-list SADECE-3 seq 5 permit 3.3.3.3/32
!
route-map WEIGHT-3 permit 10
match ip address prefix-list SADECE-3
set weight 123
!
route-map WEIGHT-3 permit 20
match ip address prefix-list SADECE-2
set weight 15
!
route-map WEIGHT-3 permit 30
set weight 11
!
route-map WEIGHT-2 permit 10
match ip address prefix-list SADECE-2
set weight 123
!
route-map WEIGHT-2 permit 20
match ip address prefix-list SADECE-3
set weight 15
!
route-map WEIGHT-2 permit 30
set weight 11
!
End

```

```
##R05##
conf t
!
router bgp 23877
neighbor 192.168.15.1 route-map AS-PREPEND out
!
ip prefix-list YALIN-84 seq 5 permit 172.16.84.84/32
!
ip prefix-list YALIN-85 seq 5 permit 172.16.85.85/32
!
route-map SADECE-84 permit 10
match ip address prefix-list YALIN-84
!
route-map AS-PREPEND permit 10
match ip address prefix-list YALIN-84
set as-path prepend 23877 23877 23877
!
route-map AS-PREPEND permit 20
match ip address prefix-list YALIN-85
set as-path prepend 23877 23877 23877 23877
!
route-map AS-PREPEND permit 30
!
End
```