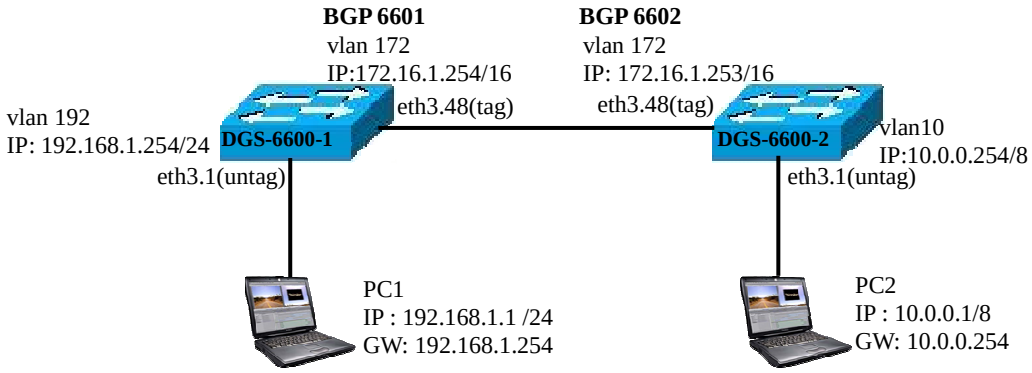
[Scenario]

DGS-6600-2 will filter BGP route 192.168.1.0/24 that sent form **DGS-6600-1**

[Topology]



[Config & Firmware]

Firmware: 3.00.B050

DGS-6600-1

```
route-map BBB permit 10
  set community 20850:35030
!
vlan 172
!
vlan 192
!
interface eth3.1
  access vlan 192
!
interface eth3.48
  trunk allowed-vlan 172
!
interface vlan172
  ip address 172.16.1.254/16
!
interface vlan192
  ip address 192.168.1.254/24
!
router bgp 6601
  network 172.16.0.0
  network 192.168.1.0 route-map BBB
  redistribute connected
  neighbor 172.16.1.253 remote-as 6602
  neighbor 172.16.1.253 send-community
```

DGS-6600-2

```
route-map UAIX-IN deny 10
  match community DTEL
!
vlan 10
!
vlan 172
!
interface eth3.1
  access vlan 10
!
interface eth3.48
  trunk allowed-vlan 172
!
interface vlan10
  ip address 10.0.0.254/8
!
interface vlan172
  ip address 172.16.1.253/16
!
router bgp 6602
  network 10.0.0.0
  network 172.16.0.0
  redistribute connected
  neighbor 172.16.1.254 remote-as 6601
  neighbor 172.16.1.254 route-map UAIX-IN in
!
ip community-list DTEL permit 20850:35030
```

[Test & Result]

1) Apply above topology and configuration

2) Sniffer the packets that sent form DGS-6600-1 and make sure it takes community **20850:35030**

bgp update.pcap

3) Check **DGS-6600-2** routing table should not learn the BGP route 192.168.1.0/24

```
DGS-6604:15#show ip route
Codes: K - kernel, C - connected, S - static, R - RIP, B - BGP
       O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
       # - A number of slots are inactive
       * - candidate default

C          10.0.0.0/8 is directly connected, vlan10
C          172.16.0.0/16 is directly connected, vlan172
```