

**[Scenario]**

Customer wants to achive the following functionality:

1. Block all IGMP reports from clients on VLAN201 port 2 except the following packet:  
IGMP report packet with any source IP address to multicast groups 239.200.5.0/24
2. The function of IGMP-Snooping has to work on all ports at the same time.

**[Topology]**

Client ---(2)DES-3028(11)---multicast server  
 (try to join group) (multicast group : 239.200.5.1 and 239.200.6.1)

**[Configuration]**

```
#####
config vlan default delete 2,11
create vlan VLAN201 tag 201
config vlan VLAN201 add untagged 2,11

create cpu access_profile profile_id 1 ip destination_ip_mask 255.255.255.0 vlan
config cpu access_profile profile_id 1 add access_id 1 ip destination_ip 239.200.5.0 vlan VLAN201
port 2 permit
create cpu access_profile profile_id 2 ip destination_ip_mask 255.255.255.0 vlan
config cpu access_profile profile_id 2 add access_id 1 ip destination_ip 224.0.0.0 vlan VLAN201
port 2 permit
create cpu access_profile profile_id 3 ip destination_ip_mask 240.0.0.0
config cpu access_profile profile_id 3 add access_id 3 ip destination_ip 224.0.0.0 port 2 deny
enable cpu_interface_filtering

config multicast port_filtering_mode all filter_unregistered_groups
enable igmp_snooping
config igmp_snooping querier vlan_name VLAN201 state enable
config igmp_snooping vlan_name VLAN201 state enable
#####
```

**[Test result]**

Client is only able to join the group 239.200.5.1 and can't join the group 239.200.6.1.  
 In another words, client is only able to receive the multicast traffic sent to group 239.200.5.1.

End of document.