

4.8 IGMP

■ IGMP

IGMP(Internet Group Management Protocol) Host
Multicast Group Membership ,
RUSTLE 3124 Querier , Multicast
Non Querier .(IGMP Version 2
IP가 가 Querier가 .)

Step 1. IGMP

igmp [enable|disable]

```
SWITCH(config)>> igmp enable
```

igmp disable

IGMP

Step 2. IGMP Timer

igmp [queryinterval|leavetime|membertime|nonquerytime] [time_sec]

```
SWITCH(config)>> igmp queryinterval 125
SWITCH(config)>> igmp leavetime 10
SWITCH(config)>> igmp membertime 260
SWITCH(config)>> igmp nonquerytime 255
```

Queryinterval Default
가 Querier Query
Leavetime 가 Leave Message , Member
membertime Join Member Member
querytime 가 Non-Querier , Non

Step 3. IGMP

show igmp [common|group|time]
show igmp port [main|opt1|opt2] [port_num]

```
SWITCH(config)>> show igmp common
```

< IGMP Interface Status >

IF	Status(time)	Query Port
1	Querier	-

가 Non-Querier
Non-Querier

< IGMP Group Status >

IF Group_Address Last_Address Time Version

SWITCH(config)>> show igmp group

Main Opt1 Opt2
VLAN ID Group 1.....8 9.....16 17....24 1.....8 1.....8

SWITCH(config)>> show igmp time

Current IGMP setted times

Query Interval : 125 sec
Leave Time : 10 sec
Member remain Time : 260 sec
Non Querier Time : 255 sec

SWITCH(config)>> show igmp port 0 main 1

Address MAC VlanId Timer

common Querier Non-Querier , IP Multicast Group
IGMP . group Multicast MAC/IP Address
Group , time time
. port Port Join Member Multicast IP/MAC,
VLAN ID, Member .