

## DHCP replay example :

**Question:** How to set up multicast for VLANs?

==> The below is simple example for IGMP snooping, please have a check.

```
[Topology]
Multicasr server -- (p1) DXS-5000-54S (p40) -- Client

[Configuration]
network parms 1.1.1.1 255.255.255.0 0.0.0.0
vlan database
vlan 10
set igmp 1
set igmp 10
set igmp fast-leave 1
set igmp fast-leave 10
set igmp querier 1
set igmp querier 10
vlan routing 1 1
vlan routing 10 2
exit
config
set igmp
set igmp querier
ip igmp
interface 0/1
speed 1000 full-duplex
switchport mode access
switchport access vlan 10
exit
interface 0/40
speed 1000 full-duplex
switchport mode access
switchport access vlan 10
exit
interface 0/50
```

```

switchport mode trunk
switchport trunk allowed vlan all
exit
interface vlan 1
routing
ip address 10.90.90.90 255.255.255.0
ip igmp version 2
exit
interface vlan 10
routing
ip address 192.168.10.1 255.255.255.0
ip igmp version 2
exit

```

```
(Switch) # sh mac-address-table multicast
```

```
Fwd
```

VLAN ID	MAC Address	Source	Type	Description	Interface	Interface
10	01:00:5E:00:00:01	IGMP	Dynamic	Network Assist	Fwd: 0/40	Fwd: 0/40