

XXXX-IPT-AccessSW07#

XXXX-IPT-AccessSW07#show ip igmp snoo

XXXX-IPT-AccessSW07#show ip igmp snooping ?

```
detail  Show operational state info
groups  Show group information
mrouter Show routers on Catalyst Vlan
querier Show IGMP querier information
vlan    Snooping info in a Catalyst Vlan
|       Output modifiers
<cr>
```

XXXX-IPT-AccessSW07#show ip igmp snooping qu

XXXX-IPT-AccessSW07#show ip igmp snooping querier ?

```
detail  Show IGMP querier detailed information in a vlan
vlan    Show IGMP querier information in a vlan
|       Output modifiers
<cr>
```

XXXX-IPT-AccessSW07#show ip igmp snooping querier vlan ?

```
<1-1001>  Vlan number
<1006-4094> Vlan number
```

XXXX-IPT-AccessSW07#show ip igmp snooping querier vlan 35

```
IP address      : 172.16.35.254
IGMP version    : v2
Port            : Gi1/0/50
Max response time : 10s
```

XXXX-IPT-AccessSW07#show ip igmp sn

XXXX-IPT-AccessSW07#show ip igmp snooping ?

```
detail  Show operational state info
groups  Show group information
mrouter Show routers on Catalyst Vlan
querier Show IGMP querier information
vlan    Snooping info in a Catalyst Vlan
|       Output modifiers
<cr>
```

XXXX-IPT-AccessSW07#show ip igmp snooping vlan 35

Global IGMP Snooping configuration:

```
-----
IGMP snooping           : Enabled
IGMPv3 snooping (minimal) : Enabled
Report suppression     : Enabled
TCN solicit query      : Disabled
TCN flood query count   : 2
Robustness variable     : 2
Last member query count : 2
Last member query interval : 1000
```

Vlan 35:

```
-----
IGMP snooping           : Enabled
IGMPv2 immediate leave  : Disabled
```

```

Multicast router learning mode      : pim-dvmrp
CGMP interoperability mode          : IGMP_ONLY
Robustness variable                 : 2
Last member query count             : 2
Last member query interval          : 1000
XXXX-IPT-AccessSW07#
XXXX-IPT-AccessSW07#
XXXX-IPT-AccessSW07#show vlan

```

VLAN	Name	Status	Ports
1	default	active	Gi1/0/51, Gi1/0/52
8	Interconnect	active	
9	Voice-Server	active	
10	3rdParty-Phones	active	
11	Cisco-Phones	active	
12	Cisco-Phones-2	active	
20	VLAN0020	active	
30	VLAN0030	active	
33	AV	active	Gi1/0/1, Gi1/0/2, Gi1/0/3, Gi1/0/4, Gi1/0/5, Gi1/0/6, Gi1/0/7, Gi1/0/8, Gi1/0/39, Gi1/0/40, Gi1/0/41, Gi1/0/42, Gi1/0/43, Gi1/0/44, Gi1/0/45, Gi1/0/46, Gi1/0/47, Gi1/0/48
34	Client	active	Gi1/0/21, Gi1/0/23, Gi1/0/26, Gi1/0/28, Gi1/0/29
35	IPTV	active	Gi1/0/9, Gi1/0/10, Gi1/0/11, Gi1/0/12, Gi1/0/13, Gi1/0/14, Gi1/0/15, Gi1/0/16, Gi1/0/17, Gi1/0/18, Gi1/0/19, Gi1/0/20, Gi1/0/22, Gi1/0/24, Gi1/0/25, Gi1/0/27, Gi1/0/30, Gi1/0/31, Gi1/0/32, Gi1/0/33, Gi1/0/34, Gi1/0/35, Gi1/0/36, Gi1/0/37, Gi1/0/38
1002	fddi-default	act/unsup	
1003	token-ring-default	act/unsup	
1004	fddinet-default	act/unsup	
1005	trnet-default	act/unsup	

VLAN	Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode
100	enet	100001	1500	-	-	-	-	0
800	enet	100008	1500	-	-	-	-	0
900	enet	100009	1500	-	-	-	-	0
1000	enet	100010	1500	-	-	-	-	0
1100	enet	100011	1500	-	-	-	-	0
1200	enet	100012	1500	-	-	-	-	0

```

20   enet  100020    1500 -   -   -   -   -   0
0
30   enet  100030    1500 -   -   -   -   -   0
0
33   enet  100033    1500 -   -   -   -   -   0
0
34   enet  100034    1500 -   -   -   -   -   0
0
35   enet  100035    1500 -   -   -   -   -   0
0
1002 fddi  101002    1500 -   -   -   -   -   0
0
1003 tr    101003    1500 -   -   -   -   srb  0
0
1004 fdnet 101004    1500 -   -   -   ieee -   0
0
1005 trnet 101005    1500 -   -   -   ibm  -   0
0

```

Remote SPAN VLANs

-----

```

Primary Secondary Type          Ports
-----

```

```

XXXX-IPT-AccessSW07#show cdp nei
XXXX-IPT-AccessSW07#show cdp neighbors
Capability Codes: R - Router, T - Trans Bridge, B - Source Route
Bridge
                   S - Switch, H - Host, I - IGMP, r - Repeater, P -
Phone,
                   D - Remote, C - CVTA, M - Two-port Mac Relay

```

```

Device ID          Local Intrfce    Holdtme    Capability  Platform
Port ID
XXXX-IPT-CoreSW01
                   Gig 1/0/50       143        R S I      WS-C3850-
Gig 1/0/7
XXXX-IPT-CoreSW02
                   Gig 1/0/49       158        R S I      WS-C3850-
Gig 1/0/7

```

Total cdp entries displayed : 2

```

XXXX-IPT-AccessSW07#show run
Building configuration...

```

Current configuration : 8059 bytes

```

!
! Last configuration change at 22:40:05 UTC Mon Oct 21 2019 by admin
! NVRAM config last updated at 22:40:05 UTC Mon Oct 21 2019 by admin
!

```

```
version 15.2
no service pad
service timestamps debug datetime msec
service timestamps log datetime msec
no service password-encryption
!
hostname XXXX-IPT-AccessSW07
!
boot-start-marker
boot-end-marker
!
enable secret 5 $1$uJ1h$RkFfr/3j1uW9bKCjpDJkZ1
!
username admin privilege 15 password 0 Password01!
no aaa new-model
switch 1 provision ws-c2960x-48fps-l
!
!
!
!
!
!
!
!
crypto pki trustpoint TP-self-signed-1898466816
  enrollment selfsigned
  subject-name cn=IOS-Self-Signed-Certificate-1898466816
  revocation-check none
  rsakeypair TP-self-signed-1898466816
!
!
crypto pki certificate chain TP-self-signed-1898466816
  certificate self-signed 01
    3082022B 30820194 A0030201 02020101 300D0609 2A864886 F70D0101
05050030
    31312F30 2D060355 04031326 494F532D 53656C66 2D536967 6E65642D
43657274
    69666963 6174652D 31383938 34363638 3136301E 170D3139 30313131
31363532
    31375A17 0D323030 31303130 30303030 305A3031 312F302D 06035504
03132649
    4F532D53 656C662D 5369676E 65642D43 65727469 66696361 74652D31
38393834
    36363831 3630819F 300D0609 2A864886 F70D0101 01050003 818D0030
81890281
    810096E6 0BE4EE22 A1E63326 CC7B60CA 09642A63 5ECF4E72 4DCB4B26
AB8AA679
    F608D93E 647051D3 EBDDF7EA FDF3BF6 E292A602 CC8F87F3 2BD546F3
FBDA09FF
    C41E5576 382AB388 E16952E9 62A340D6 4B0F8F01 FC350A71 742FD645
BCD990ED
    61DA249F D3666DEE 8B1CE168 C66D756F 2F4BE2E5 5AEA251D 919172C6
CA7ABCA9
```

```
20970203 010001A3 53305130 0F060355 1D130101 FF040530 030101FF
301F0603
551D2304 18301680 145E0B89 BBDA6CFD 3430CE4F 1C857565 AB2A9D77
29301D06
03551D0E 04160414 5E0B89BB DA6CFD34 30CE4F1C 857565AB 2A9D7729
300D0609
2A864886 F70D0101 05050003 8181007B 6021F830 A869F78E 805C7773
9FD3A67A
F996283F DF7A594F DA256303 C64FAA73 C5B4B5D0 D11D3F0E A5DA2A5B
13193896
EE9D8CF5 6B34CF86 F773BB95 B2418C95 909E3B20 F6263A58 9D64EED1
2BEA0BB7
5A66C50A 509F3334 47526AB3 960F5ADF 06203EF9 47B37ABD FC56C64D
F3F1CF78
69F76AFE B59460AE 21C3B5E9 0EDAF6
```

```
quit
```

```
spanning-tree mode pvst
spanning-tree extend system-id
```

```
!
!
!
!
```

```
vlan configuration 35
vlan internal allocation policy ascending
```

```
!
!
!
!
!
!
!
!
!
!
```

```
interface FastEthernet0
no ip address
shutdown
```

```
!
```

```
interface GigabitEthernet1/0/1
switchport access vlan 33
switchport mode access
spanning-tree portfast
```

```
!
```

```
interface GigabitEthernet1/0/2
switchport access vlan 33
switchport mode access
spanning-tree portfast
```

```
!
```

```
interface GigabitEthernet1/0/3
switchport access vlan 33
switchport mode access
spanning-tree portfast
```

```
!  
interface GigabitEthernet1/0/4  
  switchport access vlan 33  
  switchport mode access  
  spanning-tree portfast  
!  
interface GigabitEthernet1/0/5  
  switchport access vlan 33  
  switchport mode access  
  spanning-tree portfast  
!  
interface GigabitEthernet1/0/6  
  switchport access vlan 33  
  switchport mode access  
  spanning-tree portfast  
!  
interface GigabitEthernet1/0/7  
  switchport access vlan 33  
  switchport mode access  
  spanning-tree portfast  
!  
interface GigabitEthernet1/0/8  
  switchport access vlan 33  
  switchport mode access  
  spanning-tree portfast  
!  
interface GigabitEthernet1/0/9  
  switchport access vlan 35  
  switchport mode access  
  spanning-tree portfast  
!  
interface GigabitEthernet1/0/10  
  switchport access vlan 35  
  switchport mode access  
  spanning-tree portfast  
!  
interface GigabitEthernet1/0/11  
  switchport access vlan 35  
  switchport mode access  
  spanning-tree portfast  
!  
interface GigabitEthernet1/0/12  
  switchport access vlan 35  
  switchport mode access  
  spanning-tree portfast  
!  
interface GigabitEthernet1/0/13  
  switchport access vlan 35  
  switchport mode access  
  spanning-tree portfast  
!  
interface GigabitEthernet1/0/14  
  switchport access vlan 35  
  switchport mode access
```

```
    spanning-tree portfast
!
interface GigabitEthernet1/0/15
    switchport access vlan 35
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/16
    switchport access vlan 35
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/17
    switchport access vlan 35
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/18
    switchport access vlan 35
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/19
    switchport access vlan 35
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/20
    switchport access vlan 35
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/21
    switchport access vlan 34
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/22
    switchport access vlan 35
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/23
    switchport access vlan 34
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/24
    switchport access vlan 35
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/25
    switchport access vlan 35
```

```
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/26
    switchport access vlan 34
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/27
    switchport access vlan 35
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/28
    switchport access vlan 34
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/29
    switchport access vlan 34
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/30
    switchport access vlan 35
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/31
    switchport access vlan 35
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/32
    switchport access vlan 35
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/33
    switchport access vlan 35
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/34
    switchport access vlan 35
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/35
    switchport access vlan 35
    switchport mode access
    spanning-tree portfast
!
interface GigabitEthernet1/0/36
```



```
switchport access vlan 35
switchport mode access
spanning-tree portfast
!
interface GigabitEthernet1/0/37
switchport access vlan 35
switchport mode access
spanning-tree portfast
!
interface GigabitEthernet1/0/38
switchport access vlan 35
switchport mode access
spanning-tree portfast
!
interface GigabitEthernet1/0/39
switchport access vlan 33
switchport mode access
spanning-tree portfast
!
interface GigabitEthernet1/0/40
switchport access vlan 33
switchport mode access
spanning-tree portfast
!
interface GigabitEthernet1/0/41
switchport access vlan 33
switchport mode access
spanning-tree portfast
!
interface GigabitEthernet1/0/42
switchport access vlan 33
switchport mode access
spanning-tree portfast
!
interface GigabitEthernet1/0/43
switchport access vlan 33
switchport mode access
spanning-tree portfast
!
interface GigabitEthernet1/0/44
switchport access vlan 33
switchport mode access
spanning-tree portfast
!
interface GigabitEthernet1/0/45
switchport access vlan 33
switchport mode access
spanning-tree portfast
!
interface GigabitEthernet1/0/46
switchport access vlan 33
switchport mode access
spanning-tree portfast
!
```

```
interface GigabitEthernet1/0/47
  switchport access vlan 33
  switchport mode access
  spanning-tree portfast
!
interface GigabitEthernet1/0/48
  switchport access vlan 33
  switchport mode access
  spanning-tree portfast
!
interface GigabitEthernet1/0/49
  switchport trunk allowed vlan 1,9,33-35
  switchport mode trunk
!
interface GigabitEthernet1/0/50
  switchport trunk allowed vlan 1,9,33-35
  switchport mode trunk
!
interface GigabitEthernet1/0/51
!
interface GigabitEthernet1/0/52
!
interface Vlan1
  no ip address
!
interface Vlan9
  ip address 172.16.9.247 255.255.255.0
!
ip default-gateway 172.16.9.254
ip http server
ip http secure-server
!
!
!
no vstack
!
line con 0
  no exec
line vty 0 4
  login local
line vty 5 15
  login local
!
end
```

```
XXXX-IPT-AccessSW07#
XXXX-IPT-AccessSW07#
```