

show arp

Use the **show arp** command to display the ARP table.

```
show arp [ip_addr | hostname] [noalias]
```

Syntax Description	
<i>ip_addr</i>	(Optional) Number of the IP address.
<i>hostname</i>	(Optional) Name of the host.
noalias	(Optional) Keyword to force the display to show only IP addresses, not IP aliases.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Normal.

Usage Guidelines The ARP Aging time display in the output is the period of time when an ARP entry is removed from the ARP table. Set this value by entering the **set arp agingtime** command. The remaining lines of the display show the mappings of IP addresses (or IP aliases) to MAC addresses.

Use the *ip_addr* or the *hostname* options to specify a specific IP host when the ARP cache is large.

Examples This example shows how to display the ARP table:

```
Console> show arp
ARP Aging time = 300 sec
+ - Permanent Arp Entries
* - Static Arp Entries
* 2.2.2.2                at 00-08-cc-44-aa-18 on vlan 5
+ 1.1.1.1                at 00-08-94-cc-02-aa on vlan 5
142.10.52.195           at 00-10-07-3c-05-13 port 7/1-4 on vlan 5
121.23.79.121           at 00-00-1c-03-00-40 port 7/1-4 on vlan 5
Console>
```

Related Commands [clear arp](#)
[set arp](#)

show authentication

Use the **show authentication** command to display authentication information.

show authentication

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Normal.

Examples This example shows how to display authentication information:

```

Console> show authentication
                               Console Session  Telnet Session  Http Session
Login Authentication:
-----
tacacs                        disabled      disabled      disabled
radius                        disabled      disabled      enabled(*)
kerberos                      disabled      disabled      disabled
local                         enabled(*)   enabled(*)     enabled

Enable Authentication:
-----
tacacs                        disabled      disabled
radius                        disabled      disabled
kerberos                      disabled      disabled
local                         enabled(*)   enabled(*)

(*) primary

Console>

```

Related Commands [set authentication enable](#)
[set authentication login](#)

show authorization

Use the **show authorization** command to display authorization setup and configuration information on the switch.

show authorization

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Normal.

Examples This example shows how to display authorization information:

```

Console> show authorization

Telnet:
-----
           Primary   Fallback
           -----   -----
exec:      tacacs+   If-authen
enable:    -         -
commands:
  config:  tacacs+   If-authen
  all:     -         -

Console:
-----
           Primary   Fallback
           -----   -----
exec:      tacacs+   If-authen
enable:    -         -
commands:
  config:  -         -
  all:     -         -
Console>

```

Related Commands

- [set authorization commands](#)
- [set authorization enable](#)
- [set authorization exec](#)

show boot



Note

This command applies only to switches configured with the Supervisor Engine III. If you attempt to run this command on a Supervisor Engine I or II, you will receive an error message.

Use the **show boot** command to display the contents of the BOOT environment variables and the configuration register setting.

show boot [*mod*]

Syntax Description

mod (Optional) Module number of the supervisor engine containing the Flash device.

Defaults

This command has no default settings.

Command Types

Switch command.

Command Modes

Normal.

Usage Guidelines

This command is supported on switches configured with a Supervisor Engine III only.

Examples

This example shows how to use the **show boot** command:

```
Console> show boot
BOOT variable = bootflash:cat5000-sup3.5-1-0-59.bin,1;bootflash:cat5000-sup3.4-;
CONFIG_FILE variable = slot0:cfgfile1;slot0:cfgfile2
```

```
Configuration register is 0x10f
ignore-config: disabled
auto-config: recurring
console baud: 9600
boot: image specified by the boot system commands
Console>
```

Related Commands

[show boot](#)

show bridge

Use the **show bridge** command to display bridge information.

show bridge

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Normal.

Examples This example shows how to display bridge information:

```
Console> show bridge
APaRT Enabled
FDDICHECK Enabled
IP fragmentation Enabled
Default IPX translations:
    FDDI SNAP to Ethernet      8023raw
    FDDI 802.2 to Ethernet     8023raw
    Ethernet 802.3 Raw to FDDI snap
Console>
```

Table 2-11 describes the fields in the **show bridge** output.

Table 2-11 show bridge Command Output Fields

Field	Description
APaRT Enabled	Status of whether APaRT is enabled or disabled.
FDDICHECK Enabled	Status of whether FDDICHECK is enabled or disabled.
IP fragmentation Enabled	Status of whether IP fragmentation is enabled or disabled.
IPX translations	Default method for translating IPX packets across various media.

Related Commands

- [set bridge ipx 8022toether](#)
- [set bridge ipx 8023rawtofdi](#)
- [set bridge ipx snaptoether](#)
- [set ip dns domain](#)

show cam

Use the **show cam** command to display the EARL CAM table entries.

```
show cam count { dynamic | static | permanent | system } [vlan]
```

```
show cam { dynamic | static | permanent } mod/port
```

```
show cam mac_addr [vlan]
```

Syntax Description

count	Keyword to display only the number of CAM entries.
dynamic	Keyword to display dynamic CAM entries.
static	Keyword to display static CAM entries.
permanent	Keyword to display permanent CAM entries.
system	Keyword to display system CAM entries.
<i>vlan</i>	(Optional) Number of the VLAN. If a VLAN is not specified, all VLANs are displayed.
<i>mod</i>	Number of the module.
<i>port</i>	Number of the port.
<i>mac_addr</i>	MAC address.

Defaults

This command has no default settings.

Command Types

Switch command.

Command Modes

Normal.

Usage Guidelines

If you display the output associated with the MAC address of an ATM dual PHY OC-12 module, additional information is displayed, including the VCD, VPI, VCI, and VC type.

If the MAC address belongs to a router, it is shown by appending an “R” to the MAC address. If a VLAN is specified, then only those CAM entries matching the VLAN number are displayed.

Examples

This example shows how to display dynamic CAM entries for all VLANs:

```
Console> show cam dynamic
```

```
* = Static Entry. + = Permanent Entry. # = System Entry. R = Router Entry.
```

```
VLAN  Dest MAC/Route Des      Destination Ports or VCs / [Protocol Type]
-----
1      00-60-5c-86-5b-81        4/1 [ALL]
1      00-60-2f-35-48-17        4/1 [ALL]
1      00-80-24-f3-47-20        1/2 [ALL]
1      00-60-09-78-96-fb        4/1 [ALL]
```

```

1      00-80-24-1d-d9-ed      1/2 [ALL]
1      00-80-24-1d-da-01     1/2 [ALL]
1      08-00-20-7a-63-01     4/1 [ALL]

```

```

Total Matching CAM Entries Displayed = 7
Console>

```

This example shows the output associated with the MAC address of an ATM dual PHY OC-12 module, which includes the dynamic CAM entries for all VLANs:

```

Console> show cam dynamic
VLAN  Dest MAC/Route Des  Destination Ports or VCs
-----
12    00-14-14-14-14-1c    6/1
12    00-14-14-14-14-1d    6/1
.
.
.
6     00-14-14-14-14-16    4/1 VCD:98  VPI:0 VCI:127  Type: LANE Data Direct
6     00-14-14-14-14-17    4/1 VCD:98  VPI:0 VCI:127  Type: LANE Data Direct
.
.
.
3     00-14-14-14-14-14    4/1 VCD:101 VPI:0 VCI:130  Type: LANE Data Direct
3     00-14-14-14-14-15    4/1 VCD:101 VPI:0 VCI:130  Type: LANE Data Direct
Do you wish to continue y/n [n]? n
Total Matching CAM Entries Displayed = 21
Console>

```

Table 2-12 describes the fields in the ATM dual PHY OC-12 module **show cam dynamic** output.

Table 2-12 *show cam dynamic Command Output Fields*

Field	Description
VCD	VCD of the VC.
VPI	VPI of the VC.
VCI	VCI of the VC.
Type	Type of virtual circuit (LANE Data Direct, LANE bus, or AAL5SNAP PVC).

This example shows routers listed as the CAM entries.

```

Console> show cam 00-00-81-01-23-45
* = Static Entry. + = Permanent Entry. # = System Entry. R = Router Entry

Router Watergate with IP address 172.25.55.1 has CAM entries:
VLAN  Dest MAC/Route Des  Destination Ports or VCs
-----
1     00-00-81-01-23-45R  2/9 [IP]
2     00-00-81-01-23-45R  2/10 [IP]
Total Matching CAM Entries = 2
Console>

```

Related Commands

[clear cam](#)
[set cam](#)
[show cam agingtime](#)
[show config](#)

show cam agingtime

Use the **show cam agingtime** command to display CAM aging time information for all configured VLANs.

show cam agingtime

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Normal.

Examples This example shows how to display CAM aging time information:

```
Console> show cam agingtime
VLAN 1 aging time = 300 sec
VLAN 3 aging time = 300 sec
VLAN 5 aging time = 300 sec
VLAN 9 aging time = 300 sec
VLAN 100 aging time = 300 sec
VLAN 200 aging time = 300 sec
VLAN 201 aging time = 300 sec
VLAN 202 aging time = 300 sec
VLAN 203 aging time = 300 sec
Console>
```

Related Commands [clear cam](#)
[set cam](#)
[show cam](#)

show cam mlsrp

Use the **show cam mlsrp** command to display the specified router entries in the MLS forwarding table. If you can specify a VLAN number, only the router MAC addresses corresponding to the VLAN are displayed.

```
show cam mlsrp {ip_addr} [vlan]
```

Syntax Description		
<i>ip_addr</i>	IP address of the router or name of the router if DNS is enabled.	
<i>vlan</i>	(Optional) Number of the VLAN. If you do not specify a VLAN, all VLANs are displayed.	

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Normal.

Examples This example shows how to display all CAM entries for the specified router:

```
Console>(enable) show cam mlsrp 172.20.22.1
VLAN Destination MAC      Destination Ports or VCs  Xtag Status
-----
1      00-00-81-01-23-45R  2/9                      5 H
2      00-00-81-01-23-45R  2/10                     5 H
Total Matching CAM Entries Displayed = 2
Console>(enable)
```

Related Commands [show cam](#)

show cdp

Use the **show cdp** command to display CDP information.

show cdp

show cdp neighbors [*mod*] [**vlan** | **duplex** | **capabilities** | **detail**]

show cdp neighbors [*mod/port*] [**vlan** | **duplex** | **capabilities** | **detail**]

show cdp port [*mod*]

show cdp port [*mod/port*]

Syntax Description	
neighbors	Keyword to show CDP information for Cisco products connected to the switch.
<i>mod</i>	(Optional) Number of the module for which CDP information is displayed. If no module number is specified, CDP information for the entire switch is displayed.
vlan	(Optional) Keyword to show the native VLAN number for the neighboring Cisco products.
duplex	(Optional) Keyword to show duplex type of the neighboring Cisco products.
capabilities	(Optional) Keyword to show the capability codes for the neighboring Cisco products; valid values are R , T , B , S , H , I , r (R =Router, T =Trans Bridge, B =Source Route Bridge, S =Switch, H =Host, I =IGMP, and r =Repeater).
detail	(Optional) Keyword to show detailed information about neighboring Cisco products.
<i>port</i>	(Optional) Number of the port for which CDP information is displayed.
port	Keyword to show CDP port settings.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Normal.

Examples This example shows how to display CDP information for the system:

```
Console> show cdp
CDP                :enabled
Message Interval   :60
Hold Time          :180
Version            :V2
Console>
```

This example shows how to display detailed CDP neighbor information. The display varies depending on your network configuration at the time you run the command.

```

Console> show cdp neighbors 4/4 detail
Port (Our Port):4/4
Device-ID:69046406
Device Addresses:
  IP Address:172.20.25.161
Holdtime:150 sec
Capabilities:TRANSPARENT_BRIDGE SWITCH
Version:
  WS-C5509 Software, Version McpSW: 5.3(0.29)BOU NmpSW: 5.3(0.29)BOU
  Copyright (c) 1995-1999 by Cisco Systems
Port-ID (Port on Device):4/8
Platform:WS-C6009
VTP Management Domain:unknown
Native VLAN:1
Duplex:half
Console>

```

This example shows how to display CDP information about neighboring systems:

```

Console> show cdp neighbors
* - indicates vlan mismatch.
# - indicates duplex mismatch.

```

Port	Device-ID	Port-ID	Platform
3/5	002267619	3/6 *	WS-C5000
3/6	002267619	3/5	WS-C5000
4/1	002267619	4/2	WS-C5000
4/2	002267619	4/1 #	WS-C5000
4/20	069000057	8/5	WS-C5500
5/1	005763872	2/1	WS-C5000
5/1	066506245	2/1	WS-C5505
5/1	066508595	5/12 *#	WS-C5505
5/1	066508596	5/1	WS-C5505

```

Console>

```

This example shows how to display VLAN information about neighboring systems:

```

Console> show cdp vlan
* - indicates vlan mismatch.
# - indicates duplex mismatch.

```

Port	Device-ID	Port-ID	NativeVLAN
3/5	002267619	3/6 *	1
3/6	002267619	3/5	1
4/1	002267619	4/2	1
4/2	002267619	4/1 #	1
4/20	069000057	8/5	-
5/1	066508595	5/12 *#	1
5/1	066508596	5/1	1

```

Console>

```

■ show cdp

This example shows how to display duplex information about neighboring systems:

```
Console> show cdp neighbors duplex
```

```
* - indicates vlan mismatch.
```

```
# - indicates duplex mismatch.
```

Port	Device-ID	Port-ID	Duplex
3/5	002267619	3/6 *	half
3/6	002267619	3/5	half
4/1	002267619	4/2	full
4/2	002267619	4/1 #	full
4/20	069000057	8/5	-
5/1	005763872	2/1	-
5/1	066506245	2/1	-
5/1	066508595	5/12 **	half
5/1	066508596	5/1	half

```
Console>
```

This example shows how to display capability information about neighboring systems:

```
Console> show cdp neighbors capabilities
```

```
* - indicates vlan mismatch.
```

```
# - indicates duplex mismatch.
```

Port	Device-ID	Port-ID	Capabilities
3/5	002267619	3/6 *	T S
3/6	002267619	3/5	T S
4/1	002267619	4/2	T S
4/2	002267619	4/1 #	T S
4/20	069000057	8/5	T B S
5/1	005763872	2/1	T B S
5/1	066506245	2/1	T B S
5/1	066508595	5/12 **	T B S
5/1	066508596	5/1	T B S

```
Console>
```

This example shows how to display CDP information for all ports:

```
Console> show cdp port
```

```
CDP :enabled
```

```
Message Interval :60
```

```
Hold Time :180
```

```
Version :V2
```

Port	CDP Status
2/1	enabled
2/2	enabled
5/1	enabled
5/2	enabled
5/3	enabled
5/4	enabled
5/5	enabled
5/6	enabled
5/7	enabled
5/8	enabled

```
Console>
```

Related Commands [set cdp](#)

show cgmp leave

Use the **show cgmp leave** command to display the status of the CGMP leave feature.

show cgmp leave

Syntax Description This command has no arguments or keywords.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Normal.

Examples This example shows how to display the status of the CGMP leave feature:

```
Console> show cgmp leave
CGMP:          enabled
CGMP leave:    enabled
Console>
```

Related Commands [set cgmp leave](#)

show cgmp statistics

Use the **show cgmp statistics** command to display CGMP statistics.

```
show cgmp statistics [vlan_id]
```

Syntax Description	<i>vlan_id</i> (Optional) VLAN number for which to display CGMP statistics.
Defaults	This command has no default settings.
Command Types	Switch command.
Command Modes	Normal.
Examples	<p>This example shows how to display CGMP statistics for VLAN 1:</p> <pre>Console> show cgmp statistics 1 CGMP enabled CGMP statistics for vlan 1: valid rx pkts received 211915 invalid rx pkts received 0 valid cgmp joins received 211729 valid cgmp leaves received 186 valid igmp leaves received 0 valid igmp queries received 3122 igmp gs queries transmitted 0 igmp leaves transmitted 0 failures to add GDA to EARL 0 topology notifications received 80 number of CGMP packets dropped 2032227 Console></pre>

[Table 2-13](#) describes the fields in the **show cgmp statistics** output.

Table 2-13 show cgmp statistics Command Output Fields

Field	Description
Valid rx pkts received	Number of valid CGMP packets received.
Invalid rx pkts received	Number of invalid CGMP packets received.
valid cgmp joins received	Number of CGMP group-specific queries received.
valid cgmp leaves received	Number of CGMP leaves received.
valid igmp leaves received	Number of IGMP leaves received.

Table 2-13 *show cgmp statistics Command Output Fields (continued)*

Field	Description
valid igmp queries received	Number of IGMP reports received.
igmp gs queries transmitted	Number of IGMP group specific-equivalent queries transmitted by the switch.
igmp leaves transmitted	Number of IGMP leaves transmitted by the switch.
failures to add GDA to EARL	Number of times the switch failed to add a multicast entry (GDA) to the EARL table.
topology notifications received	Number of topology change notifications received by the switch.
number of CGMP packets dropped	Number of IGMP packets dropped by the switch.

Related Commands

[clear cgmp statistics](#)
[set cgmp](#)

show channel

Use the **show channel** command to display EtherChannel configuration and statistics information for a channel based on EtherChannel ID.

```
show channel [channel_id] [statistics | mac | info [spantree | trunk | protocol | gmrp | gvrp | qos]]
```

Syntax Description	
<i>channel_id</i>	(Optional) EtherChannel ID of the channel.
statistics	(Optional) Keyword to display EtherChannel PAgP statistics.
mac	(Optional) Keyword to display EtherChannel traffic statistics.
info	(Optional) Keyword to display EtherChannel configuration information.
spantree	(Optional) Keyword to display only spanning-tree-related configuration information.
trunk	(Optional) Keyword to display only VLAN-trunk-related configuration information.
protocol	(Optional) Keyword to display only protocol-filtering-related configuration information.
gmrp	(Optional) Keyword to display only GMRP-related configuration information.
gvrp	(Optional) Keyword to display only GVRP-related configuration information.
qos	(Optional) Keyword to display only QoS-related configuration information.

Defaults This command has no default settings.

Command Types Switch command.

Command Modes Normal.

Usage Guidelines

- If the *channel_id* value is not specified, EtherChannel information is shown for all channels.
- If you use the **info** keyword without qualifying it with one of the feature-specific keywords, all configuration information is displayed.
- If the EtherChannel that you specify is not in use, information for that channel is not displayed.

Examples

This example shows how to display PAgP statistics for a specific EtherChannel:

```

Console> show channel 835 statistics
Port Channel PAgP Pkts PAgP Pkts PAgP Pkts PAgP Pkts PAgP Pkts PAgP Pkts
      id      Transmitted Received InFlush RetnFlush OutFlush InError
-----
 7/5   835           194         81           0           0           0           0
 7/6   835           204         85           0           0           0           0
Console>

```

This example shows how to display traffic statistics for a specific EtherChannel:

```

Console> show channel 835 mac
Channel Rcv-Unicast Rcv-Multicast Rcv-Broadcast
-----
835                0           114650           0

Channel Xmit-Unicast Xmit-Multicast Xmit-Broadcast
-----
835                0           177145           0

Channel Rcv-Octet Xmit-Octet
-----
835                10852890       14371660

Channel Dely-Exced MTU-Exced In-Discard Lrn-Discrd In-Lost Out-Lost
-----
835                0           0           0           0           0           0
Console>

```

This example shows how to display EtherChannel information for all channels:

```

Console> show channel
Channel Id Ports
-----
768      2/1-2
769      4/3-4
770      4/7-8
Console>

```

This example shows how to display configuration information for a specific EtherChannel:

```

Console> show channel 835 info
Chan Port Status Channel Admin Speed Duplex Vlan
id      id      mode group
-----
 835 7/5 connected on          58 a-100 a-full 1
 835 7/6 connected on          58 a-100 a-full 1

Chan Port if- Oper-group Neighbor Chan Oper-Distribution PortSecurity/
id      id      Index Oper-group Oper-group cost Method Dynamic Port
-----
 835 7/5 379 1 0 mac both
 835 7/6 379 1 0 mac both

Chan Port Device-ID Port-ID Platform
id
-----
 835 7/5 069003103(5500) 3/5 WS-C5500
 835 7/6 069003103(5500) 3/6 WS-C5500

```

show channel

```

Chan Port  Trunk-status Trunk-type   Trunk-vlans
id
-----
 835  7/5  not-trunking negotiate   1-1005
 835  7/6  not-trunking negotiate   1-1005

Chan Port  Portvlancost-vlans
id
-----
 835  7/5
 835  7/6

Chan Port  Port  Portfast Port  Port
id  id  priority      vlanpri vlanpri-vlans
-----
 835  7/5      32 disabled      0
 835  7/6      32 disabled      0

Chan Port  IP      IPX      Group
id
-----
 835  7/5  on      auto-on  auto-on
 835  7/6  on      auto-on  auto-on

Chan Port  GMRP  GMRP  GMRP
id  id  status registration forwardAll
-----
 835  7/5  enabled normal  disabled
 835  7/6  enabled normal  disabled

Chan Port  GVRP  GVRP  GVRP
id  id  status registration applicant
-----
 835  7/5  disabled normal  normal
 835  7/6  disabled normal  normal

Chan Port  Qos-Tx Qos-Rx Qos-Trust  Qos-DefCos
id
-----
 835  7/5  1q4t  -  untrusted  0
 835  7/6  1q4t  -  untrusted  0
Console>

```

Table 2-14 describes the fields in the **show channel statistics** output.

Table 2-14 show channel statistics Command Output Fields

Field	Description
Port	Port number.
Channel id	EtherChannel ID.
PAGP Pkts Transmitted	Number of PAGP packets transmitted on the port.
PAGP Pkts Received	Number of PAGP packets received on the port.
PAGP Pkts InFlush	Number of PAGP flush packets received.
PAGP Pkts RetnFlush	Number of PAGP flush packets returned.
PAGP Pkts OutFlush	Number of PAGP flush packets transmitted.
PAGP Pkts InError	Number of PAGP error packets received.

Table 2-15 describes the fields in the **show channel mac** output.

Table 2-15 show channel mac Command Output Fields

Field	Description
Channel	EtherChannel ID.
Rcv-Unicast	Number of unicast frames received on the EtherChannel.
Rcv-Multicast	Number of multicast frames received on the EtherChannel.
Rcv-Broadcast	Number of broadcast frames received on the EtherChannel.
Xmit-Unicast	Number of unicast frames transmitted on the EtherChannel.
Xmit-Multicast	Number of multicast frames transmitted on the EtherChannel.
Xmit-Broadcast	Number of broadcast frames transmitted on the EtherChannel.
Rcv-Octet	Number of octet frames received on the EtherChannel.
Xmit-Octet	Number of octet frames transmitted on the EtherChannel.

Table 2-16 describes the fields in the **show channel info** output.

Table 2-16 show channel info Command Output Fields

Field	Description
Chan id	EtherChannel ID
Port	Port number
Status	Port connection status
Channel mode	EtherChannel mode
Admin group	EtherChannel administrative group
Speed	Port speed
Duplex	Port duplex
Vlan	Port VLAN membership
if-index	Interface index number
Oper-group	Capability of the group
Neighbor Oper-group	Device ID of the neighboring device with which the port is channeling
Chan cost	EtherChannel spanning-tree port cost
Oper-Distribution Method	EtherChannel frame distribution method
PortSecurity/Dynamic Port	Status of whether the port is secure or dynamic
Device-ID	Serial number and hostname of neighboring device
Port-ID	Connected port number on neighboring device
Platform	Neighboring device platform
Trunk-status	VLAN trunking mode
Trunk-type	VLAN trunk encapsulation type

Table 2-16 *show channel info Command Output Fields (continued)*

Field	Description
Trunk-vlans	Allowed VLAN list for the trunk
Portvlancost-vlans	Spanning tree port-VLAN cost and associated VLAN IDs
Port priority	Spanning tree port priority
Portfast	Spanning tree PortFast enable state
Port vlanpri-vlans	Spanning tree port-VLAN priority and associated VLAN IDs
IP	IP protocol filtering mode
IPX	IPX protocol filtering mode
Group	Group protocol filtering mode
GMRP status	GMRP enable state
GMRP registration	GMRP registration mode
GMRP forwardAll	GMRP forward-all enable status
GVRP status	GVRP enable state
GVRP registration	GVRP registration mode
GVRP applicant	GVRP applicant mode
Qos-Tx	Transmit queue and threshold port type
Qos-Rx	Receive queue and threshold port type
Qos-Trust	QoS port trust
QoS-DefCos	QoS default CoS

Related Commands

[set channel cost](#)
[set channel vlancost](#)
[set port channel](#)
[show channel group](#)
[show port channel](#)