

How to set DGS-3120 QoS via SNMP

All examples are configured on port 1.

CLI: config scheduling_mechanism wrr

MIB file: QoS-MIB

Object name	swQoSschedulingMechanism
Object ID	1.3.6.1.4.1.171.12.61.3.2.1.4
Module	QoS-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : strict(1) 2 : wrr(2)
Parent node	swQoSschedulingEntry
First child	None
Description	Indicates the mechanism of QoS scheduling. This object indicates the QoS Scheduling Mechanism mode on a port.

Netsnmp command:

```
snmpset -v 2c -c private 10.90.90.90 1.3.6.1.4.1.171.12.61.3.2.1.4.1.0 i 2
```

CLI: config scheduling 0 weight 1

MIB file: QoS-MIB

Object name	swQoSschedulingWeight
Object ID	1.3.6.1.4.1.171.12.61.3.2.1.3
Module	QoS-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : 0..127
Parent node	swQoSschedulingEntry
First child	None
Description	Indicates the maximum number of packets the above specified hardware priority queue will be allowed to transmit before allowing the next lowest priority queue to transmit its packets.

Netsnmp command:

```
snmpset -v 2c -c private 10.90.90.90 1.3.6.1.4.1.171.12.61.3.2.1.3.1.0 i 1
```

CLI : config 802.1p user_priority 0 1

MIB file: P-BRIDGE

Object name	dot1dTrafficClass
Object ID	1.3.6.1.2.1.17.6.1.2.3.1.2
Module	P-BRIDGE-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : 0..7
Parent node	dot1dTrafficClassEntry
First child	None
Description	The Traffic Class the received frame is mapped to.

Netsnmp command:

snmpset -v 2c -c private 10.90.90.90 1.3.6.1.2.1.17.6.1.2.3.1.2.1.0 i 1