

How to show and configure ports speed with Net-SNMP on

DES-3028/52

Show port speed

```
#snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.63.6.2.2.1.1.5
```

Change port speed

Example change port 13 speed to 100-half

```
#snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.63.6.2.2.1.4.13.100 i 4
```

OID on DES-3028

The screenshot shows the Net-SNMP interface with a tree view on the left and a details pane on the right. The tree view is expanded to show the object `swL2PortInfoNwayStatus` under the `swL2PortInfoEntry` table. The details pane shows the following information:

Object name	swL2PortInfoNwayStatus
Object ID	1.3.6.1.4.1.171.11.63.6.2.2.1.1.5
Module	DES3028-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : auto(1) 2 : half-10Mbps(2) 3 : full-10Mbps(3) 4 : half-100Mbps(4) 5 : full-100Mbps(5) 6 : half-1Gigabps(6) 7 : full-1Gigabps(7)
Parent node	swL2PortInfoEntry
First child	None
Description	This object indicates the port speed and duplex mode.

The screenshot shows the Net-SNMP interface with a tree view on the left and a details pane on the right. The tree view is expanded to show the object `swL2PortCtrlNwayState` under the `swL2PortCtrlEntry` table. The details pane shows the following information:

Object name	swL2PortCtrlNwayState
Object ID	1.3.6.1.4.1.171.11.63.6.2.2.1.4
Module	DES3028-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : nway-auto(1) 2 : nway-disabled-10Mbps-Half(2) 3 : nway-disabled-10Mbps-Full(3) 4 : nway-disabled-100Mbps-Half(4) 5 : nway-disabled-100Mbps-Full(5) 6 : nway-disabled-1Gigabps-Full(7) 7 : nway-disabled-1Gigabps-Full-Master(8) 8 : nway-disabled-1Gigabps-Full-Slave(9)
Parent node	swL2PortCtrlEntry
First child	None
Description	Choose the port speed, duplex mode, and N-Way function mode.

OID on DES-3052

Show port speed

```
#snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.63.8.2.2.1.1.5
```

Change port speed

Example change port 13 speed to 100-half

```
#snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.63.8.2.2.1.4.13.100 i 4
```

The screenshot shows a tree view of MIB objects. The object `swL2PortInfoNwayStatus` is selected. The details pane on the right shows the following information:

Object name	swL2PortInfoNwayStatus
Object ID	1.3.6.1.4.1.171.11.63.8.2.2.1.1.5
Module	DES3052-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Only
Status	Current
Value list	1 : auto(1) 2 : half-10Mbps(2) 3 : full-10Mbps(3) 4 : half-100Mbps(4) 5 : full-100Mbps(5) 6 : half-1Gigabps(6) 7 : full-1Gigabps(7)
Parent node	swL2PortInfoEntry
First child	None
Description	This object indicates the port speed and duplex mode.

The screenshot shows a tree view of MIB objects. The object `swL2PortCtrlNwayState` is selected. The details pane on the right shows the following information:

Object name	swL2PortCtrlNwayState
Object ID	1.3.6.1.4.1.171.11.63.8.2.2.1.4
Module	DES3052-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : nway-auto(1) 2 : nway-disabled-10Mbps-Half(2) 3 : nway-disabled-10Mbps-Full(3) 4 : nway-disabled-100Mbps-Half(4) 5 : nway-disabled-100Mbps-Full(5) 6 : nway-disabled-1Gigabps-Full(7) 7 : nway-disabled-1Gigabps-Full-Master(8) 8 : nway-disabled-1Gigabps-Full-Slave(9)
Parent node	swL2PortCtrlEntry
First child	None
Description	Choose the port speed, duplex mode, and N-Way function mode.