

How to clear **Port Error Counters** via NETSNMP in **DES-3200 C1** series?

The OIDs are defined in "**swL2DevCtrlCleanAllStatisticCounter**" of "**DES3200-XX-L2mgmt-MIB.mib**".

And the related OID for DES-3200 **C1** Series

1.3.6.1.4.1.171.11.113.4.1.2.1.2.6	=> DES-3200-26
1.3.6.1.4.1.171.11.113.5.1.2.1.2.6	=> DES-3200-28
1.3.6.1.4.1.171.11.113.8.1.2.1.2.6	=> DES-3200-28P
1.3.6.1.4.1.171.11.113.9.1.2.1.2.6	=> DES-3200-52
1.3.6.1.4.1.171.11.113.10.1.2.1.2.6	=> DES-3200-52P

The following example is **DES-3200-26**:

swL2DevCtrlCleanAllStatisticCounter (1.3.6.1.4.1.171.11.113.4.1.2.1.2.6)

Object name	swL2DevCtrlCleanAllStatisticCounter
Object ID	1.3.6.1.4.1.171.11.113.4.1.2.1.2.6
Module	DES3200-26-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : normal(1) 2 : active(2)
Parent node	swL2DevCtrl
First child	None
Description	When the object is set to active, all statistical counters will be cleared. If set to normal, no action will occur.

Suppose the error counters as below, how to clear the counters?

```
DES-3200-26:admin#show error ports 12
Command: show error ports 12

Port Number : 12
      RX Frames
-----
CRC Error      100      Excessive Deferral  0
Undersize      0          CRC Error            0
Oversize       0          Late Collision       0
Fragment       0          Excessive Collision  0
Jabber         0          Single Collision     0
Drop Pkts     0          Collision            0
Symbol Error   0
```

Clear Counters

```
Object name      swL2DevCtrlCleanAllStatisticCounter
Object ID       1.3.6.1.4.1.171.11.113.4.1.2.1.2.6
Module          DES3200-26-L2MGMT-MIB

Base syntax     Integer
Composed syntax INTEGER
Access         Read-Write
Status         Current
Value list     1 : normal(1)
              2 : active(2)

Parent node     swL2DevCtrl
First child     None
Description     When the object is set to active, all statistical counters will
                be cleared. If set to normal, no action will occur.
```

For example:

```
snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.113.4.1.2.1.2.6.0 i 2
```

```
C:\>snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.113.4.1.2.1.2.6.0 i 2
SNMPv2-SMI::enterprises.171.11.113.4.1.2.1.2.6.0 = INTEGER: 2
```

And the result:

```
DES-3200-26:admin#show error ports 12
Command: show error ports 12

Port Number : 12
      RX Frames
-----
CRC Error      0          Excessive Deferral  0
Undersize      0          CRC Error            0
Oversize       0          Late Collision       0
Fragment       0          Excessive Collision  0
Jabber         0          Single Collision     0
Drop Pkts     0          Collision            0
Symbol Error   0
```