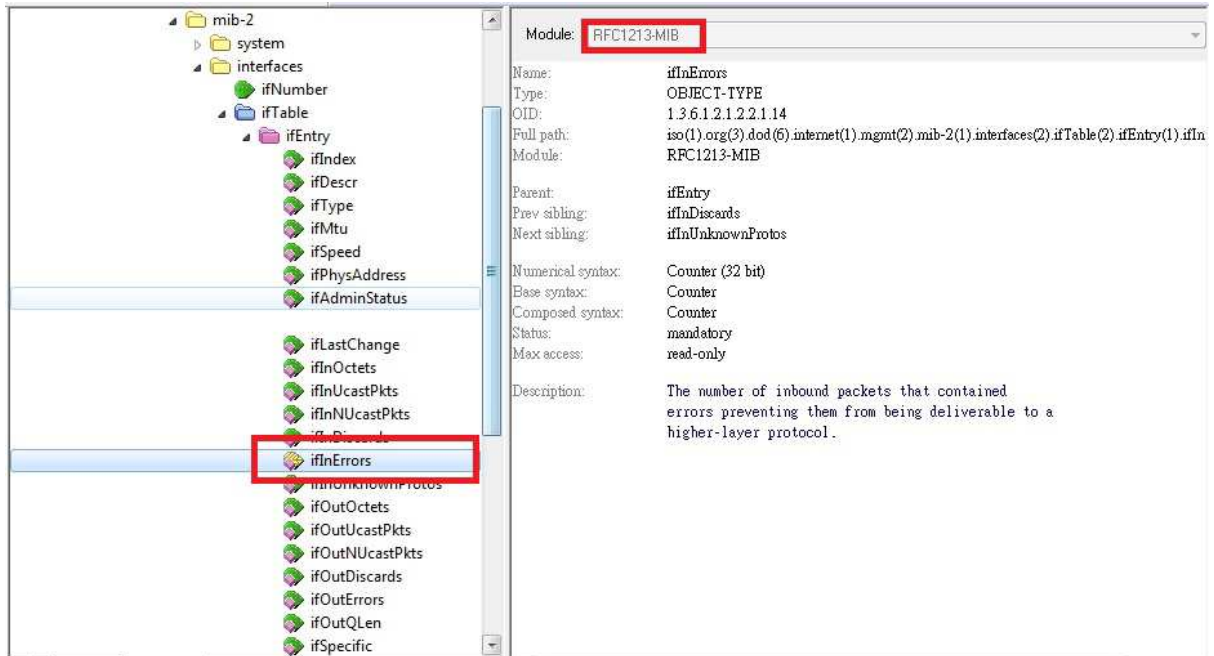


## How to use SNMP to show error ports

### RX CRC error(RFC1213-MIB): ifInErrors



```
snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.2.1.2.2.1.14
```

```
C:\Users\Anngu>snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.2.1.2.2.1.14
IF-MIB::ifInErrors.1 = Counter32: 0
IF-MIB::ifInErrors.2 = Counter32: 0
IF-MIB::ifInErrors.3 = Counter32: 0
IF-MIB::ifInErrors.4 = Counter32: 0
IF-MIB::ifInErrors.5 = Counter32: 0
IF-MIB::ifInErrors.6 = Counter32: 0
IF-MIB::ifInErrors.7 = Counter32: 0
IF-MIB::ifInErrors.8 = Counter32: 0
IF-MIB::ifInErrors.9 = Counter32: 0
IF-MIB::ifInErrors.10 = Counter32: 0
IF-MIB::ifInErrors.11 = Counter32: 0
IF-MIB::ifInErrors.12 = Counter32: 0
IF-MIB::ifInErrors.13 = Counter32: 0
IF-MIB::ifInErrors.14 = Counter32: 0
IF-MIB::ifInErrors.15 = Counter32: 0
IF-MIB::ifInErrors.16 = Counter32: 0
IF-MIB::ifInErrors.17 = Counter32: 0
IF-MIB::ifInErrors.18 = Counter32: 0
IF-MIB::ifInErrors.19 = Counter32: 0
IF-MIB::ifInErrors.20 = Counter32: 0
IF-MIB::ifInErrors.21 = Counter32: 0
IF-MIB::ifInErrors.22 = Counter32: 0
IF-MIB::ifInErrors.23 = Counter32: 0
IF-MIB::ifInErrors.24 = Counter32: 0
IF-MIB::ifInErrors.25 = Counter32: 0
IF-MIB::ifInErrors.26 = Counter32: 0
IF-MIB::ifInErrors.27 = Counter32: 0
IF-MIB::ifInErrors.28 = Counter32: 0
```

## TX CRC error(RFC1213-MIB):

The screenshot shows a network management interface with a MIB tree on the left and a details pane on the right. The MIB tree is expanded to show the RFC1213-MIB module, with 'ifOutErrors' highlighted in a red box. The details pane shows the following information:

Module:	RFC1213-MIB
Name:	ifOutErrors
Type:	OBJECT-TYPE
OID:	1.3.6.1.2.1.2.2.1.20
Full path:	iso(1).org(3).dod(6).internet(1).mgmt(2).mib-2(1).interfaces(2).ifTable(2).ifEntry(1).ifOutErrors
Module:	RFC1213-MIB
Parent:	ifEntry
Prev sibling:	ifOutDiscards
Next sibling:	ifOutQLen
Numerical syntax:	Counter (32 bit)
Base syntax:	Counter
Composed syntax:	Counter
Status:	mandatory
Max access:	read-only
Description:	The number of outbound packets that could not be transmitted because of errors.

```
snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.2.1.2.2.1.20
```

```
C:\Users\Anngu>snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.2.1.2.2.1.20
IF-MIB::ifOutErrors.1 = Counter32: 0
IF-MIB::ifOutErrors.2 = Counter32: 0
IF-MIB::ifOutErrors.3 = Counter32: 0
IF-MIB::ifOutErrors.4 = Counter32: 0
IF-MIB::ifOutErrors.5 = Counter32: 0
IF-MIB::ifOutErrors.6 = Counter32: 0
IF-MIB::ifOutErrors.7 = Counter32: 0
IF-MIB::ifOutErrors.8 = Counter32: 0
IF-MIB::ifOutErrors.9 = Counter32: 0
IF-MIB::ifOutErrors.10 = Counter32: 0
IF-MIB::ifOutErrors.11 = Counter32: 0
IF-MIB::ifOutErrors.12 = Counter32: 0
IF-MIB::ifOutErrors.13 = Counter32: 0
IF-MIB::ifOutErrors.14 = Counter32: 0
IF-MIB::ifOutErrors.15 = Counter32: 0
IF-MIB::ifOutErrors.16 = Counter32: 0
IF-MIB::ifOutErrors.17 = Counter32: 0
IF-MIB::ifOutErrors.18 = Counter32: 0
IF-MIB::ifOutErrors.19 = Counter32: 0
IF-MIB::ifOutErrors.20 = Counter32: 0
IF-MIB::ifOutErrors.21 = Counter32: 0
IF-MIB::ifOutErrors.22 = Counter32: 0
IF-MIB::ifOutErrors.23 = Counter32: 0
IF-MIB::ifOutErrors.24 = Counter32: 0
IF-MIB::ifOutErrors.25 = Counter32: 0
IF-MIB::ifOutErrors.26 = Counter32: 0
IF-MIB::ifOutErrors.27 = Counter32: 0
IF-MIB::ifOutErrors.28 = Counter32: 0
```