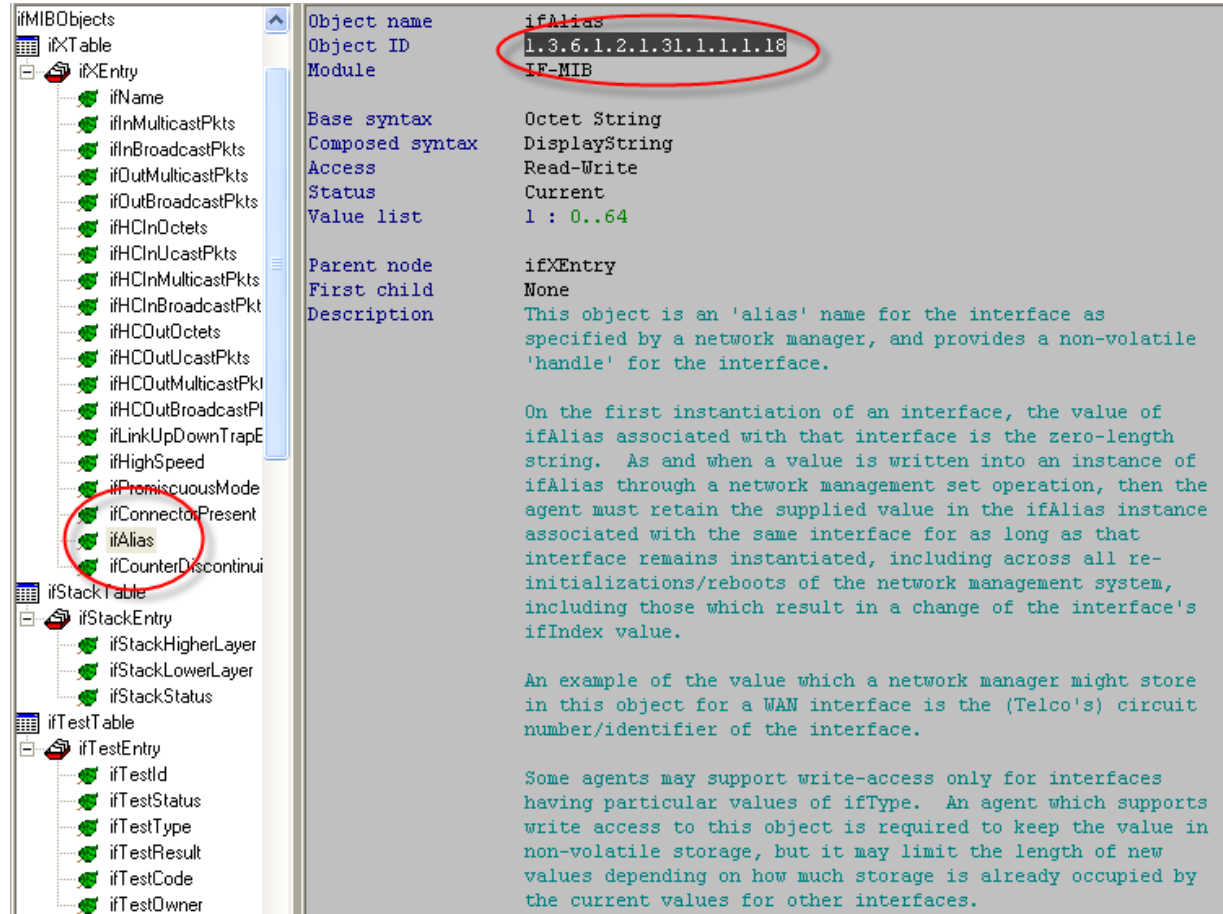


## Configuring Port Description via SNMP on DES-3528 F/W 2.21

MIB: rfc2863.mib

OID: 1.3.6.1.2.1.31.1.1.1.18



The screenshot displays a network management interface with a tree view on the left and a details pane on the right. In the tree view, the 'ifAlias' object is selected and circled in red. The details pane shows the following information:

Object name	ifAlias
Object ID	1.3.6.1.2.1.31.1.1.1.18
Module	IF-MIB
Base syntax	Octet String
Composed syntax	DisplayString
Access	Read-Write
Status	Current
Value list	1 : 0..64
Parent node	ifXEntry
First child	None
Description	This object is an 'alias' name for the interface as specified by a network manager, and provides a non-volatile 'handle' for the interface.

Additional text in the details pane:

On the first instantiation of an interface, the value of ifAlias associated with that interface is the zero-length string. As and when a value is written into an instance of ifAlias through a network management set operation, then the agent must retain the supplied value in the ifAlias instance associated with the same interface for as long as that interface remains instantiated, including across all re-initializations/reboots of the network management system, including those which result in a change of the interface's ifIndex value.

An example of the value which a network manager might store in this object for a WAN interface is the (Telco's) circuit number/identifier of the interface.

Some agents may support write-access only for interfaces having particular values of ifType. An agent which supports write access to this object is required to keep the value in non-volatile storage, but it may limit the length of new values depending on how much storage is already occupied by the current values for other interfaces.

**Example:**

The following command will configure port 1 with the description "This\_is\_port\_1".

```
snmpset -v2c -c private 10.90.90.90 1.3.6.1.2.1.31.1.1.1.18.1 s This_is_port_1
```