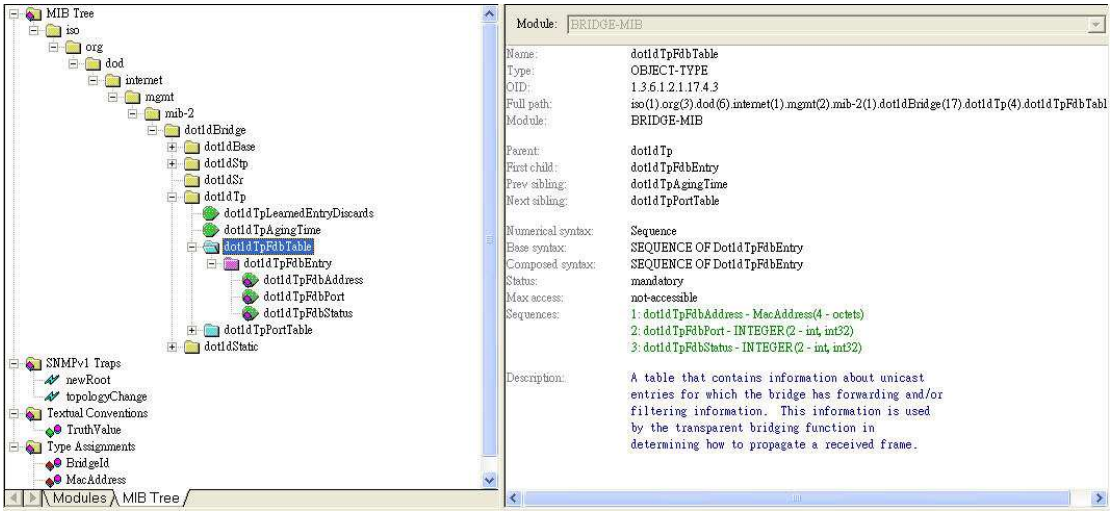
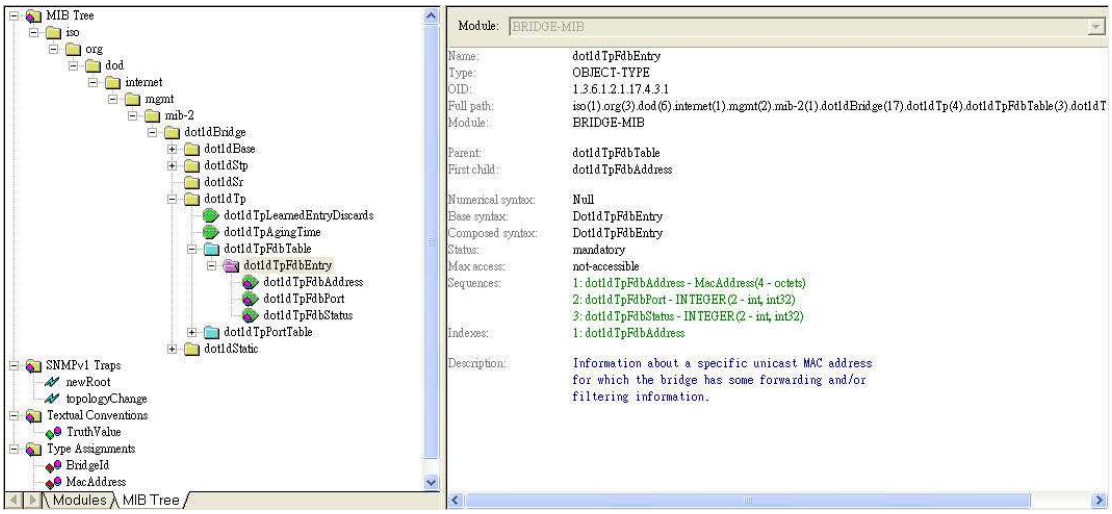
How to show FDB table, create & delete static FDB entry via NETSNMP in DGS-3100 series (FW_3.60.28_MIB)

The OIDs for configuring FDB entry are defined in “BRIDGE-MIB” (rfc-1493.mib).

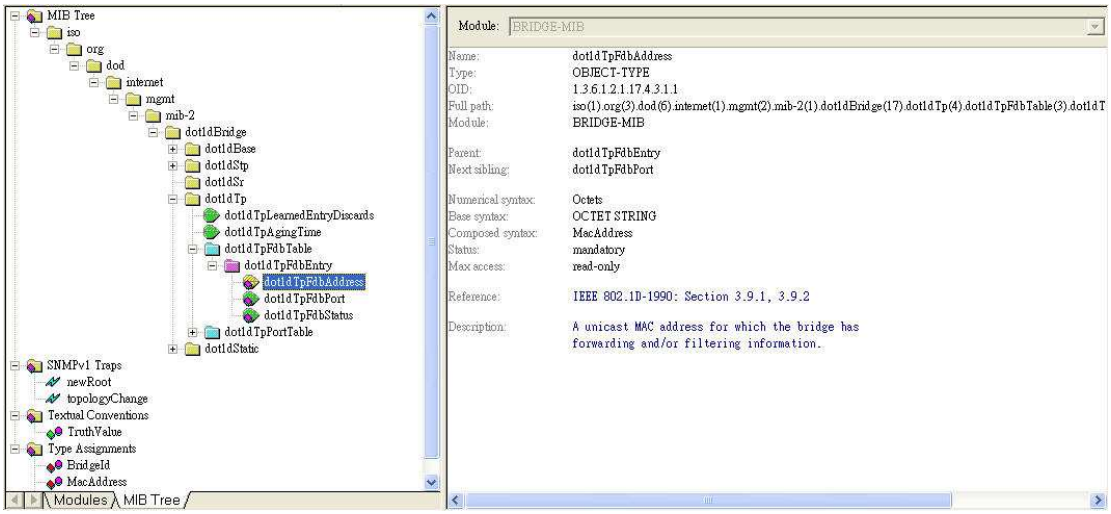
dot1dTpFdbTable



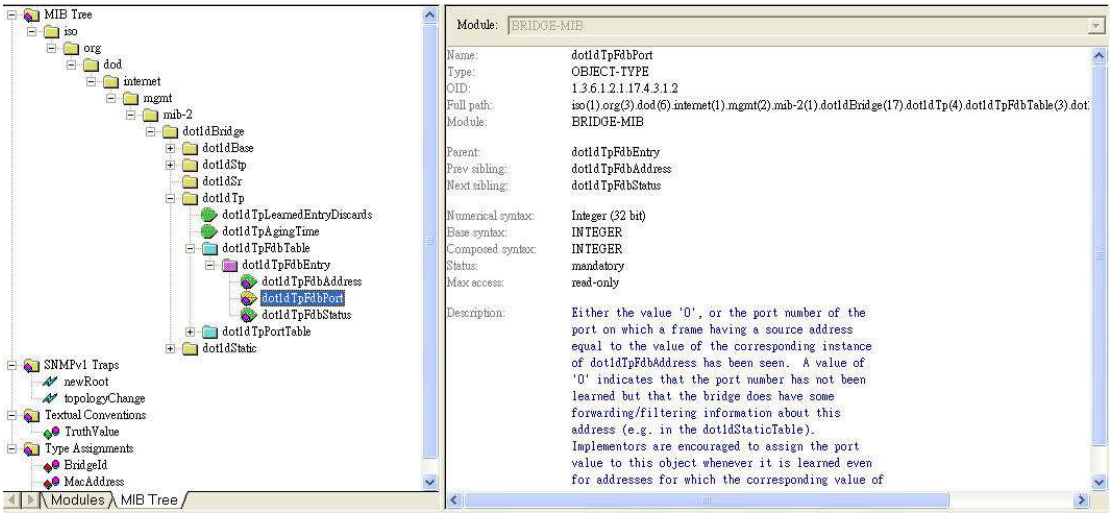
dot1dTpFdbEntry



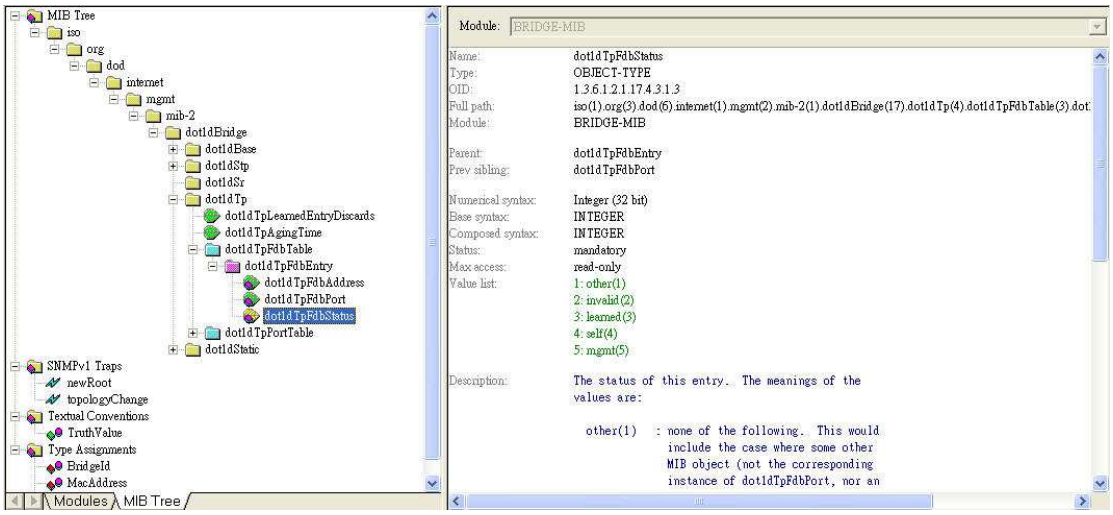
dot1dTpFdbAddress



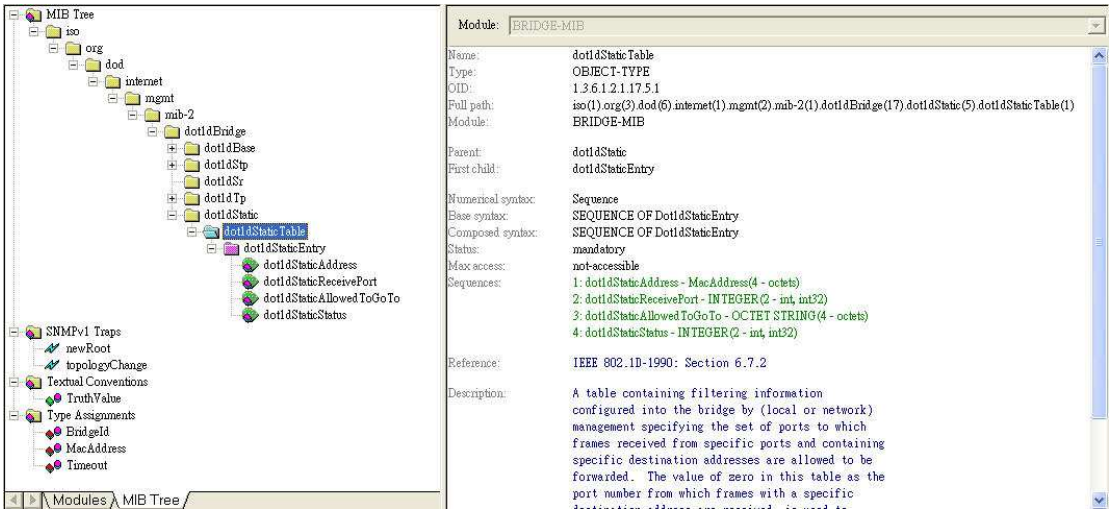
dot1dTpFdbPort



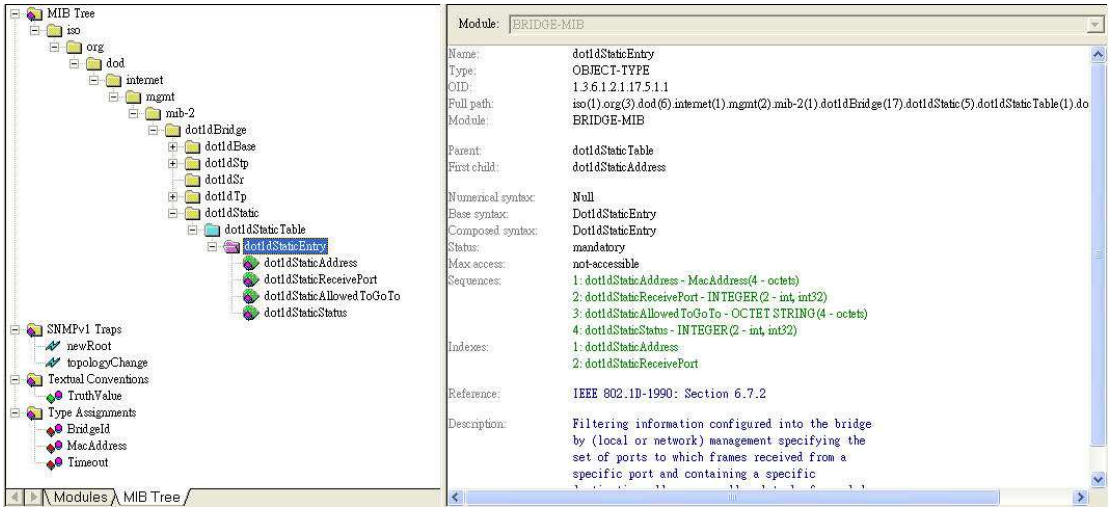
dot1dTpFdbStatus



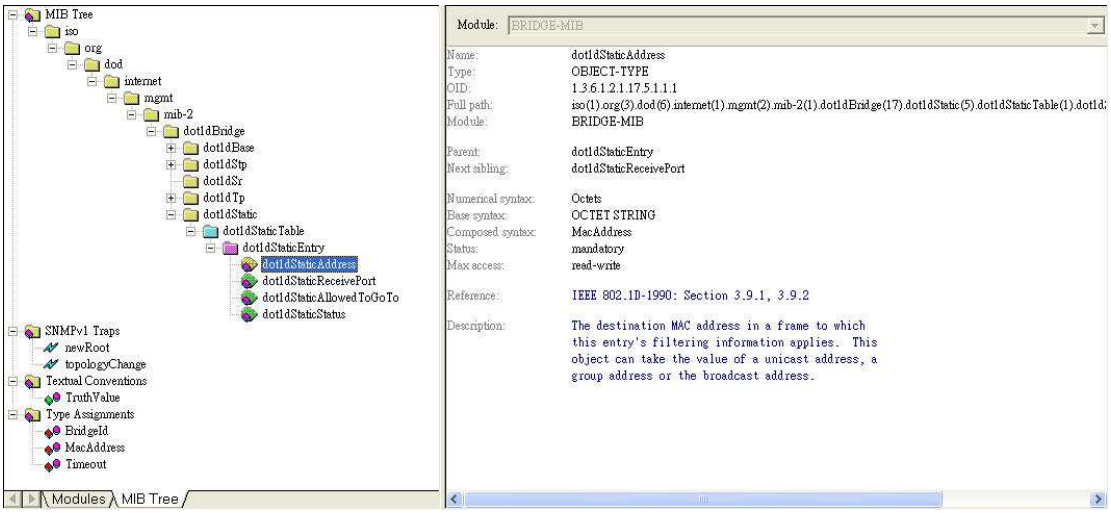
dot1dStaticTable



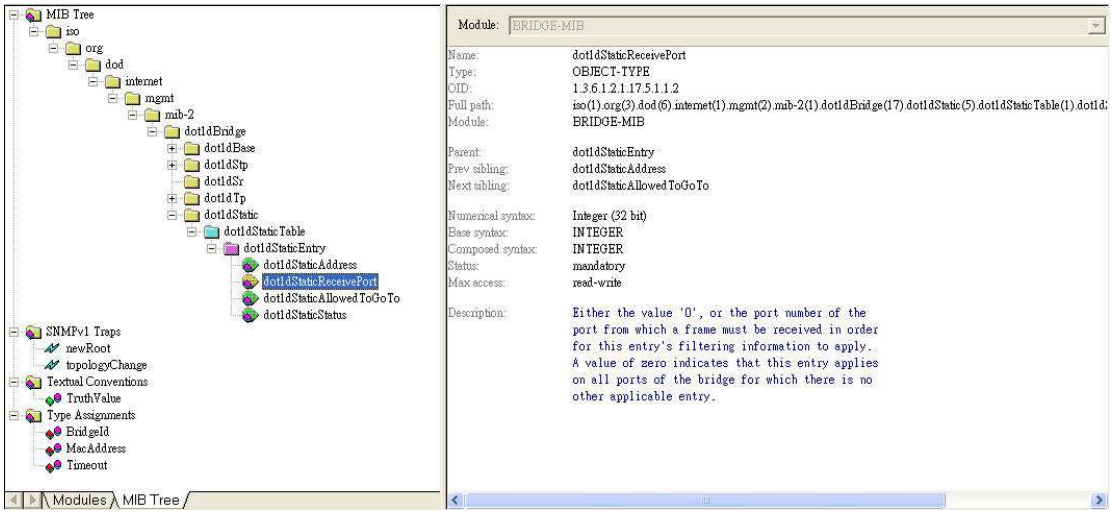
dot1dStaticEntry



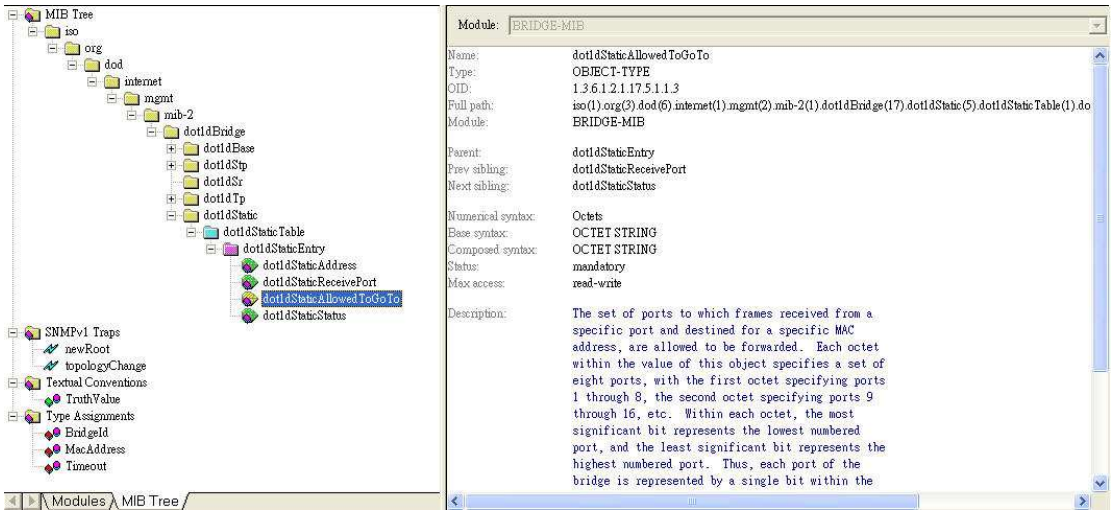
dot1dStaticAddress



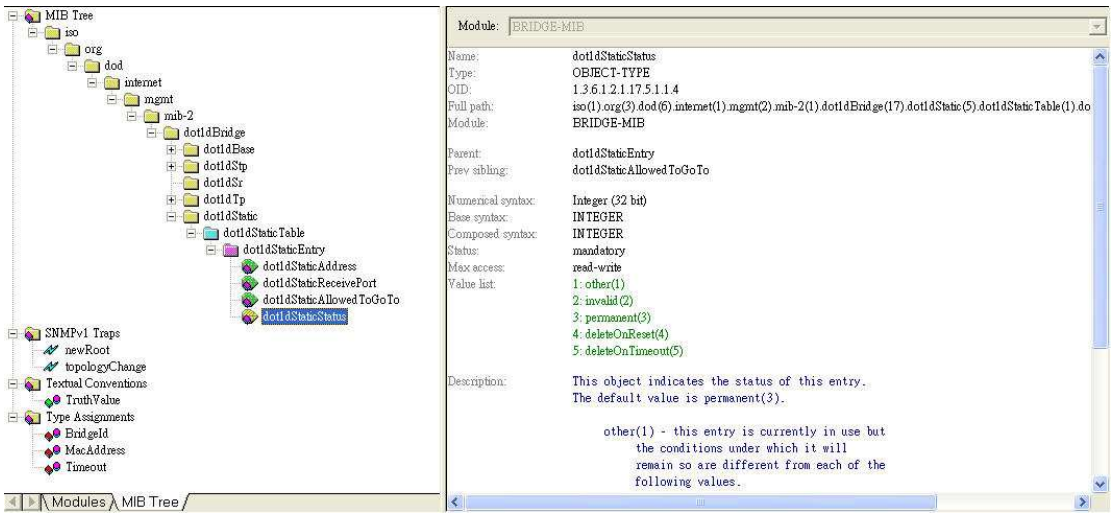
dot1dStaticReceivePort



dot1dStaticAllowedToGoTo



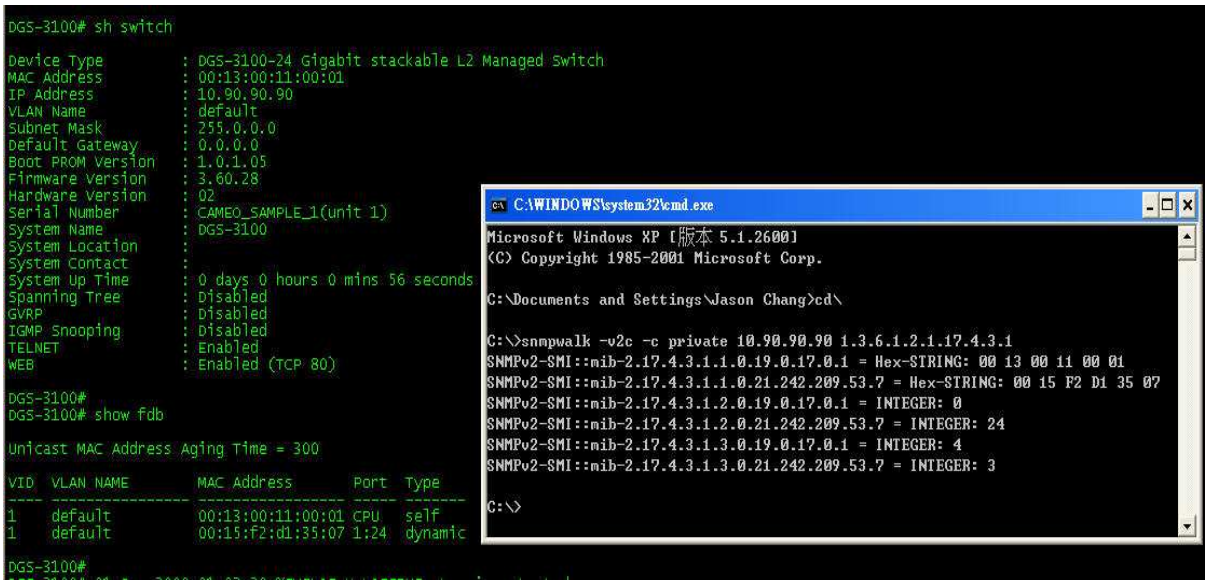
dot1dStaticStatus



[Test Scenario]

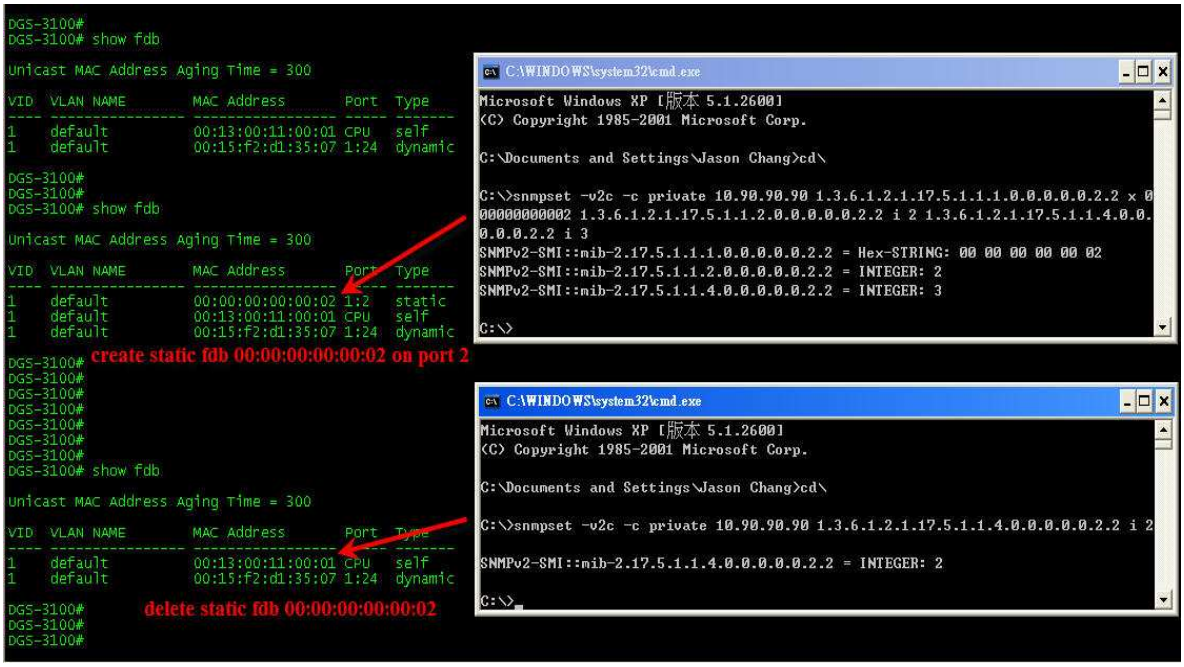
DGS-3100-24 (port 24) --- PC_MAC_00:15:f2:d1:35:07

[Show FDB]



[Command of “show fdb”]

C:\>snmpwalk -v2c -c private 10.90.90.90 1.3.6.1.2.1.17.4.3.1
SNMPv2-SMI::mib-2.17.4.3.1.1.0.19.0.17.0.1 = Hex-STRING: 00 13 00 11 00 01
SNMPv2-SMI::mib-2.17.4.3.1.1.0.21.242.209.53.7 = Hex-STRING: 00 15 F2 D1 35 07
SNMPv2-SMI::mib-2.17.4.3.1.2.0.19.0.17.0.1 = INTEGER: 0 **=> means CPU ipif**
SNMPv2-SMI::mib-2.17.4.3.1.2.0.21.242.209.53.7 = INTEGER: 24
SNMPv2-SMI::mib-2.17.4.3.1.3.0.19.0.17.0.1 = INTEGER: 4 **=> self(4)**
SNMPv2-SMI::mib-2.17.4.3.1.3.0.21.242.209.53.7 = INTEGER: 3

MAC address : Hex-decimal 00:15:f2:d1:35:07 => Decimal 0.21.242.209.53.7
dot1dTpFdbPort : Port 24
dot1dTpFdbStatus : learned(3)

[Create & Delete Static FDB 00:00:00:00:00:02 on Port 2]