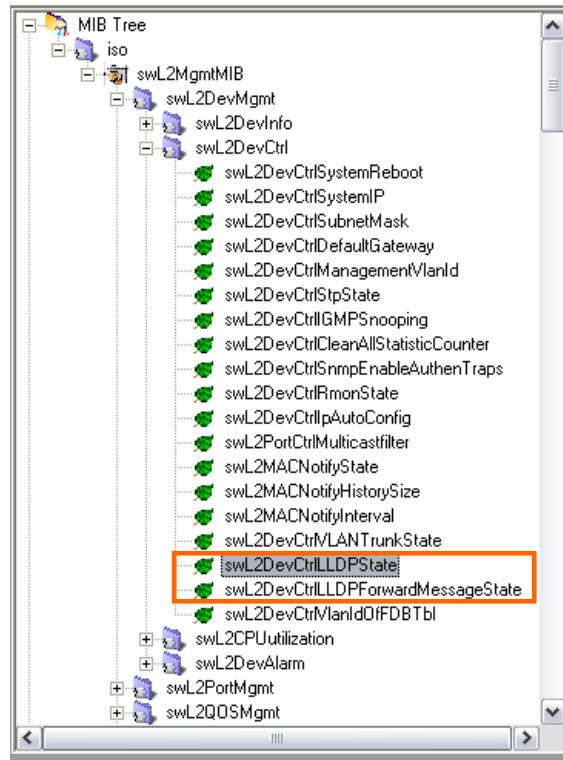


How to global enable/disable LLDP feature via SNMP

Example for DES-3010F

* DES3010F-L2MGMT-MIB



⇒ swL2DevCtrlLLDPState:

Object name	swL2DevCtrlLLDPState
Object ID	1.3.6.1.4.1.171.11.63.1.1.2.1.2.23
Module	DES3010F-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : enabled(1) 2 : disabled(2)
Parent node	swL2DevCtrl
First child	None
Description	Specifies the state of the LLDP function. When this function is enabled, the switch can start to transmit LLDP packets and receive and process the LLDP packets. The specific function of each port will depend on the per port LLDP setting. For the advertisement of LLDP packets, the switch announces the information to its neighbor through ports. For receiving LLDP packets, the switch will learn the information from the LLDP packets advertised from the neighbor in the neighbor table.



snmp-LLDP-status_enable+disable.pcap

OID: 1.3.6.1.4.1.171.11.63.1.1.2.1.2.23

CLI 1: # enable lldp

CMD 1: # snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.63.1.1.2.1.2.23.0 i 1

CLI 2: # disable lldp

CMD 2: # snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.63.1.1.2.1.2.23.0 i 2

⇒ swL2DevCtrlLLDPForwardMessageState:

Object name	swL2DevCtrlLLDPForwardMessageState
Object ID	1.3.6.1.4.1.171.11.63.1.1.2.1.2.24
Module	DES3010F-L2MGMT-MIB
Base syntax	Integer
Composed syntax	INTEGER
Access	Read-Write
Status	Current
Value list	1 : enabled(1) 2 : disabled(2)
Parent node	swL2DevCtrl
First child	None
Description	When lldp is disabled and lldp forward_message's are enabled, the LLDP Data Unit packets received by the switch will be forwarded.



snmp-LLDP-Forward
Msg_enable+disable.p

OID: 1.3.6.1.4.1.171.11.63.1.1.2.1.2.24

CLI 1: # config lldp forward_message enable

CMD 1: # snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.63.1.1.2.1.2.24.0 i 1

CLI 2: # config lldp forward_message disable

CMD 2: # snmpset -v2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.63.1.1.2.1.2.24.0 i 2