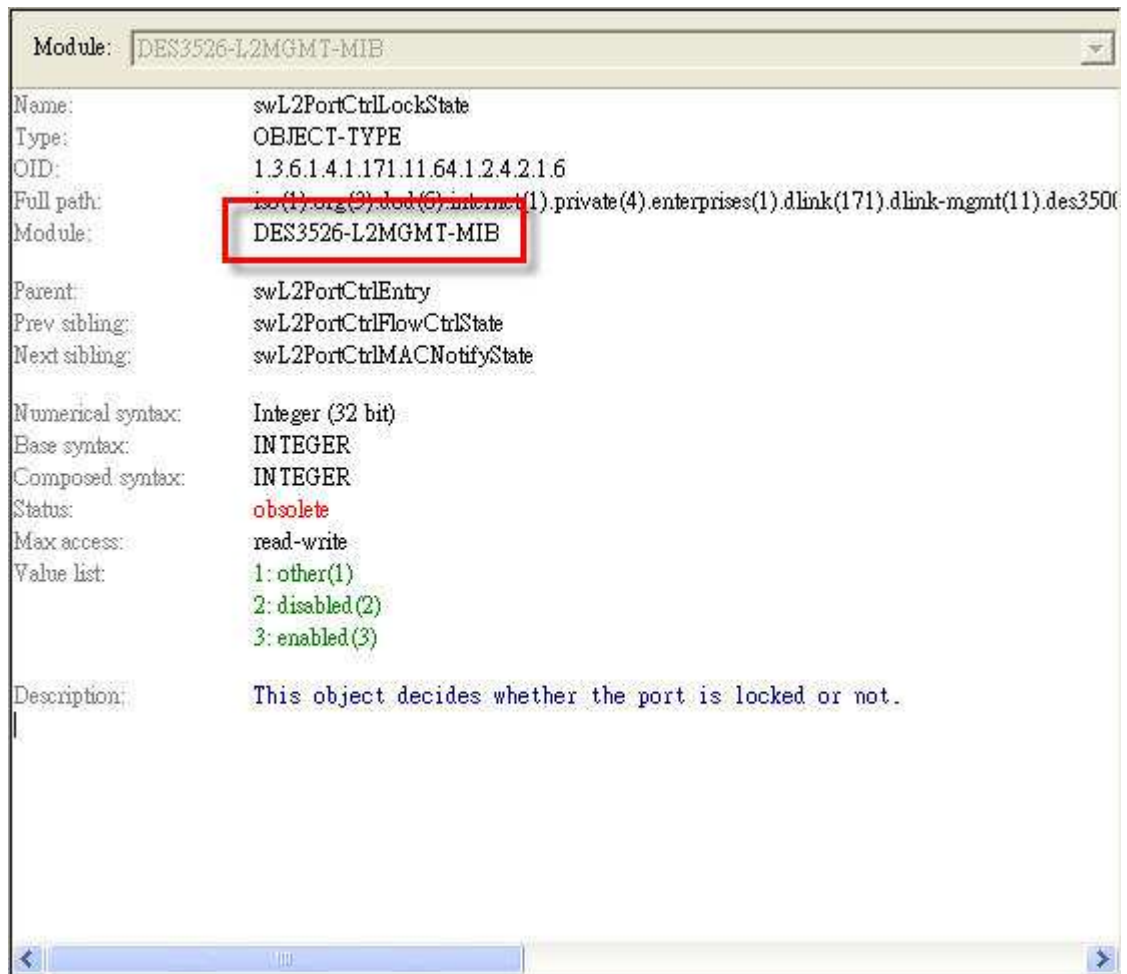


How to configure Address Learning of Port configuration via NETSNP on DES-3526, DES-3028 & DGS-3627?

The OID for configuring Address Learning is defined in “L2-MGMT-MIB”.

For DES-3526_F/W_R6.00



The screenshot displays a window titled "Module: DES3526-L2MGMT-MIB". The main content area shows the following details for the object `swL2PortCtrlLockState`:

- Name: `swL2PortCtrlLockState`
- Type: OBJECT-TYPE
- OID: 1.3.6.1.4.1.171.11.64.1.2.4.2.1.6
- Full path: `iso(1).org(2).dod(6).internet(1).private(4).enterprises(1).dlink(171).dlink-mgmt(11).des350`
- Module: **DES3526-L2MGMT-MIB** (highlighted with a red box)
- Parent: `swL2PortCtrlEntry`
- Prev sibling: `swL2PortCtrlFlowCtrlState`
- Next sibling: `swL2PortCtrlMACNotifyState`
- Numerical syntax: Integer (32 bit)
- Base syntax: INTEGER
- Composed syntax: INTEGER
- Status: **obsolete**
- Max access: read-write
- Value list:
 - 1: other(1)
 - 2: disabled(2)
 - 3: enabled(3)
- Description: This object decides whether the port is locked or not.

Object name `swL2PortCtrlLockState`

Object ID 1.3.6.1.4.1.171.11.64.1.2.4.2.1.6

Module [DES3526-L2MGMT-MIB](#)

For DES-3028_F/W_R2.52

The screenshot shows a window titled "Module: DES3028-L2MGMT-MIB". The main content area displays the following information:

- Name: swL2PortCtrlAddressLearning
- Type: OBJECT-TYPE
- OID: 1.3.6.1.4.1.171.11.63.6.2.2.2.1.7
- Full path: iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).dlink(171).dlink-mgmt(11).des3028-L2MGMT-MIB(1).swL2PortCtrlAddressLearning(1)
- Module: DES3028-L2MGMT-MIB (highlighted with a red box)
- Parent: swL2PortCtrlEntry
- Prev sibling: swL2PortCtrlDescription
- Next sibling: swL2PortCtrlMACNotifyState
- Numerical syntax: Integer (32 bit)
- Base syntax: INTEGER
- Composed syntax: INTEGER
- Status: current
- Max access: read-write
- Value list:
 - 1: other(1)
 - 2: disabled(2)
 - 3: enabled(3)
- Description: This object decides whether the address learning is enabled or disabled.

Object name swL2PortCtrlAddressLearning

Object ID 1.3.6.1.4.1.171.11.63.6.2.2.2.1.7

Module [DES3028-L2MGMT-MIB](#)

For DGS-3627_F/W_R2.55

The screenshot shows a window titled "Module: DGS3627-L2MGMT-MIB". The main content area displays the following information:

Name:	swL2PortCtrlLockState
Type:	OBJECT-TYPE
OID:	1.3.6.1.4.1.171.11.70.6.2.3.2.1.7
Full path:	iso(1).org(2).dod(6).internet(1).private(4).enterprises(1).dlink(171).dlink-mgmt(11).dgsProjec
Module:	DGS3627-L2MGMT-MIB
Parent:	swL2PortCtrlEntry
Prev sibling:	swL2PortCtrlFlowCtrlState
Next sibling:	swL2PortCtrlMACNotifyState
Numerical syntax:	Integer (32 bit)
Base syntax:	INTEGER
Composed syntax:	INTEGER
Status:	current
Max access:	read-write
Value list:	1: other(1) 2: disabled(2) 3: enabled(3)
Description:	This object decide the port is locked or not.

Object name swL2PortCtrlLockState

Object ID 1.3.6.1.4.1.171.11.70.6.2.3.2.1.7

Module [DGS3627-L2MGMT-MIB](#)

Example on DES-3526

snmpset -v 2c -c private 10.75.2.35 1.3.6.1.4.1.171.11.64.1.2.4.2.1.6.1 i 2

“Port 1” is set to be Address Learning “Disabled”.

```
DES-3526 Fast Ethernet Switch Command Line Interface
Firmware: Build 6.00.B36
Copyright(C) 2008 D-Link Corporation. All rights reserved.
username:
password:
DES-3526:admin#reset config
Command: reset config
Are you sure to proceed with system reset?(y/n)
Success.
DES-3526:admin#show ports 1
Command: show ports 1
Port  State/      Settings      Connection
MDIX   Speed/Duplex/FlowCtrl  Speed/Duplex/FlowCtrl  Address Learning  Trap
-----
1      Enabled      Auto/Disabled  Link Down          Enabled           Enabled
```

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [版本 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\Jason Chang>cd\

C:\>snmpset -v 2c -c private 10.90.90.90 1.3.6.1.4.1.171.11.64.1.2.4.2.1.6.1 i 2
SNMPv2-SMI::enterprises.171.11.64.1.2.4.2.1.6.1 = INTEGER: 2

C:\>
```

```
DES-3526:admin#show ports 1
Command: show ports 1
Port  State/      Settings      Connection
MDIX   Speed/Duplex/FlowCtrl  Speed/Duplex/FlowCtrl  Address Learning  Trap
-----
1      Enabled      Auto/Disabled  Link Down          Disabled          Enabled
```