

How to use Net-SNMP to control LLDP configuration on DES-3526

The screenshot displays the D-Link MIB Compiler interface for LLDP-MIB. The window title is "D-Link MIB Compiler - [LLDP-MIB]". The menu bar includes File, Edit, View, Window, and Help. The toolbar contains icons for file operations and network-related functions. The "Browse Agent IP" field is set to 10.90.90.91. The left pane shows a list of MIBs, with "LLDP-MIB" selected and highlighted by a red box. The right pane shows the "MIB Tree" structure, where "IldpMIB" is expanded and highlighted by a red box. The tree structure includes:

- IldpMIB
 - IldpNotifications
 - IldpNotificationPrefix
 - IldpRemTablesChange
 - IldpObjects
 - IldpConfiguration
 - IldpMessageTxInterval
 - IldpMessageTxHoldMultiplier
 - IldpReinitDelay
 - IldpTxDelay
 - IldpNotificationInterval
 - IldpPortConfigTable
 - IldpPortConfigEntry
 - IldpPortConfigPortNum
 - IldpPortConfigAdminStatus
 - IldpPortConfigNotificationEnable
 - IldpPortConfigTLVsTxEnable
 - IldpConfigManAddrTable
 - IldpConfigManAddrEntry
 - IldpConfigManAddrPortsTxEnable
 - IldpStatistics
 - IldpStatsRemTablesLastChangeTime
 - IldpStatsRemTablesInserts
 - IldpStatsRemTablesDeletes
 - IldpStatsRemTablesDrops
 - IldpStatsRemTablesAgeouts

MIB: LLDP MIB

```

DES-3526 Fast Ethernet Switch Command Line Interface

Firmware: Build 6.00.B26
Copyright(C) 2008 D-Link Corporation. All rights reserved.
username:
password:

DES-3526:admin#show switch
Command: show switch

Device Type       : DES-3526 Fast-Ethernet Switch
Combo Port Type  : 1000Base-T + 1000Base-T
MAC Address      : 00-21-91-84-09-22
IP Address       : 10.90.90.90 (Manual)
VLAN Name        : default
Subnet Mask      : 255.0.0.0
Default Gateway  : 0.0.0.0
Boot PROM Version : Build 5.00.009
Firmware Version : Build 6.00.B26
Hardware Version  : A4G
Serial Number    :
Power Status     : Main - Normal, Redundant - Not Present
System Name      : D-Link
System Location  :
System Contact   :
Spanning Tree    : Disabled
GVRP             : Disabled
IGMP Snooping    : Disabled
TELNET           : Enabled (TCP 23)
SSH              : Disabled
WEB              : Enabled (TCP 80)
RMON             : Disabled
Clipaging        : Enabled
Asymmetric VLAN  : Disabled
Password Encryption Status : Disabled

DES-3526:admin#

```

Example

```

snmpset -v2c -c private 10.90.90.90 1.0.8802.1.1.2.1.1.1.0 i 32768
1.0.8802.1.1.2.1.1.2.0 i 2 1.0.8802.1.1.2.1.1.3.0 i 1 1.0.8802.1.1.2.1.1.4.0 i 8192
1.0.8802.1.1.2.1.1.5.0 i 3600

```

```

C:\>snmpset -v2c -c private 10.90.90.90 1.0.8802.1.1.2.1.1.1.0 i 32768 1.0.8802
.1.1.2.1.1.2.0 i 2 1.0.8802.1.1.2.1.1.3.0 i 1 1.0.8802.1.1.2.1.1.4.0 i 8192 1.0.
8802.1.1.2.1.1.5.0 i 3600
iso.0.8802.1.1.2.1.1.1.0 = INTEGER: 32768
iso.0.8802.1.1.2.1.1.2.0 = INTEGER: 2
iso.0.8802.1.1.2.1.1.3.0 = INTEGER: 1
iso.0.8802.1.1.2.1.1.4.0 = INTEGER: 8192
iso.0.8802.1.1.2.1.1.5.0 = INTEGER: 3600

```

| MIB Tree | | Object details for lldpConfiguration | |
|----------------------------------|----------------------------|--------------------------------------|-----------------------|
| iso | lldpMIB | Object name | lldpConfiguration |
| lldpNotifications | lldpNotificationPrefix | Object ID | 1.0.8802.1.1.2.1.1 |
| lldpRemTablesChange | lldpObjects | Module | LLDP-MIB |
| lldpConfiguration | lldpMessageTxInterval | Base syntax | Object Identifier |
| lldpMessageTxHoldMultiplier | lldpReinitDelay | Access | Not_Accessible |
| lldpTxDelay | lldpNotificationInterval | Status | Mandatory |
| lldpPortConfigTable | lldpPortConfigEntry | Parent node | lldpObjects |
| lldpPortConfigPortNum | lldpPortConfigAdminStatus | First child | lldpMessageTxInterval |
| lldpPortConfigNotificationEnable | lldpPortConfigTLVsTxEnable | | |
| lldpConfigManAddrTable | lldpConfigManAddrEntry | | |
| lldpConfigManAddrPortsTxEnable | | | |

| MIB Tree | | Object details for lldpMessageTxInterval | |
|----------------------------------|----------------------------|--|---|
| iso | lldpMIB | Object name | lldpMessageTxInterval |
| lldpNotifications | lldpNotificationPrefix | Object ID | 1.0.8802.1.1.2.1.1.1 |
| lldpRemTablesChange | lldpObjects | Module | LLDP-MIB |
| lldpConfiguration | lldpMessageTxInterval | Base syntax | Integer |
| lldpMessageTxHoldMultiplier | lldpReinitDelay | Composed syntax | Integer32 |
| lldpTxDelay | lldpNotificationInterval | Access | Read-Write |
| lldpPortConfigTable | lldpPortConfigEntry | Status | Current |
| lldpPortConfigPortNum | lldpPortConfigAdminStatus | Value list | 1 : 5..32768 |
| lldpPortConfigNotificationEnable | lldpPortConfigTLVsTxEnable | Parent node | lldpConfiguration |
| lldpConfigManAddrTable | lldpConfigManAddrEntry | First child | None |
| lldpConfigManAddrPortsTxEnable | | Description | The interval at which LLDP frames are transmitted on behalf of this LLDP agent. |
| | | | The default value for lldpMessageTxInterval object is 30 seconds. |
| | | | The value of this object must be restored from non-volatile storage after a re-initialization of the management system. |

| | |
|---|---|
| <p>MIB Tree</p> <ul style="list-style-type: none"> iso <ul style="list-style-type: none"> IldpMIB <ul style="list-style-type: none"> IldpNotifications <ul style="list-style-type: none"> IldpNotificationPrefix <ul style="list-style-type: none"> IldpRemTablesChange IldpObjects <ul style="list-style-type: none"> IldpConfiguration <ul style="list-style-type: none"> IldpMessageTxInterval IldpMessageTxHoldMultiplier IldpReinitDelay IldpTxDelay IldpNotificationInterval IldpPortConfigTable <ul style="list-style-type: none"> IldpPortConfigEntry <ul style="list-style-type: none"> IldpPortConfigPortNum IldpPortConfigAdminStatus IldpPortConfigNotificationEnable IldpPortConfigTLVsTxEnable IldpConfigManAddrTable <ul style="list-style-type: none"> IldpConfigManAddrEntry <ul style="list-style-type: none"> IldpConfigManAddrPortsTxEnable IldpStatistics <ul style="list-style-type: none"> IldpStatsRemTablesLastChangeTime IldpStatsRemTablesInserts IldpStatsRemTablesDeletes | <p>Object name: IldpMessageTxHoldMultiplier</p> <p>Object ID: 1.0.8802.1.1.2.1.1.2</p> <p>Module: LLDP-MIB</p> <p>Base syntax: Integer</p> <p>Composed syntax: Integer32</p> <p>Access: Read-Write</p> <p>Status: Current</p> <p>Value list: 1 : 2..10</p> <p>Parent node: IldpConfiguration</p> <p>First child: None</p> <p>Description: The time-to-live value expressed as a multiple of the IldpMessageTxInterval object. The actual time-to-live value used in LLDP frames, transmitted on behalf of this LLDP agent, can be expressed by the following formula: $TTL = \min(65535, (IldpMessageTxInterval * IldpMessageTxHoldMultiplier))$. For example, if the value of IldpMessageTxInterval is '30', and the value of IldpMessageTxHoldMultiplier is '4', then the value '120' is encoded in the TTL field in the LLDP header.</p> <p>The default value for IldpMessageTxHoldMultiplier object is 4.</p> <p>The value of this object must be restored from non-volatile storage after a re-initialization of the management system.</p> |
|---|---|

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| <p>MIB Tree</p> <ul style="list-style-type: none"> iso <ul style="list-style-type: none"> IldpMIB <ul style="list-style-type: none"> IldpNotifications <ul style="list-style-type: none"> IldpNotificationPrefix <ul style="list-style-type: none"> IldpRemTablesChange IldpObjects <ul style="list-style-type: none"> IldpConfiguration <ul style="list-style-type: none"> IldpMessageTxInterval IldpMessageTxHoldMultiplier IldpReinitDelay IldpTxDelay IldpNotificationInterval IldpPortConfigTable <ul style="list-style-type: none"> IldpPortConfigEntry <ul style="list-style-type: none"> IldpPortConfigPortNum IldpPortConfigAdminStatus IldpPortConfigNotificationEnable IldpPortConfigTLVsTxEnable IldpConfigManAddrTable <ul style="list-style-type: none"> IldpConfigManAddrEntry <ul style="list-style-type: none"> IldpConfigManAddrPortsTxEnable IldpStatistics <ul style="list-style-type: none"> IldpStatsRemTablesLastChangeTime IldpStatsRemTablesInserts IldpStatsRemTablesDeletes | <p>Object name: IldpReinitDelay</p> <p>Object ID: 1.0.8802.1.1.2.1.1.3</p> <p>Module: LLDP-MIB</p> <p>Base syntax: Integer</p> <p>Composed syntax: Integer32</p> <p>Access: Read-Write</p> <p>Status: Current</p> <p>Value list: 1 : 1..10</p> <p>Parent node: IldpConfiguration</p> <p>First child: None</p> <p>Description: The IldpReinitDelay indicates the delay (in units of seconds) from when IldpPortConfigAdminStatus object of a particular port becomes 'disabled' until re-initialization will be attempted.</p> <p>The default value for IldpReinitDelay object is two seconds.</p> <p>The value of this object must be restored from non-volatile storage after a re-initialization of the management system.</p> |
|--|--|

| | | |
|-------------|-----------------|--|
| | Object name | lldpTxDelay |
| | Object ID | 1.0.8802.1.1.2.1.1.4 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | Integer32 |
| | Access | Read-Write |
| | Status | Current |
| | Value list | 1 : 1..8192 |
| | Parent node | lldpConfiguration |
| | First child | None |
| Description | | <p>The lldpTxDelay indicates the delay (in units of seconds) between successive LLDP frame transmissions initiated by value/status changes in the LLDP local systems MIB. The recommended value for the lldpTxDelay is set by the following formula:</p> $1 \leq \text{lldpTxDelay} \leq (0.25 * \text{lldpMessageTxInterval})$ <p>The default value for lldpTxDelay object is two seconds.</p> <p>The value of this object must be restored from non-volatile storage after a re-initialization of the management system.</p> |

| | | |
|-------------|-----------------|--|
| | Object name | lldpNotificationInterval |
| | Object ID | 1.0.8802.1.1.2.1.1.5 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | Integer32 |
| | Access | Read-Write |
| | Status | Current |
| | Value list | 1 : 5..3600 |
| | Parent node | lldpConfiguration |
| | First child | None |
| Description | | <p>This object controls the transmission of LLDP notifications.</p> <p>the agent must not generate more than one lldpRemTablesChange notification-event in the indicated period, where a 'notification-event' is the transmission of a single notification PDU type to a list of notification destinations. If additional changes in lldpRemoteSystemsData object groups occur within the indicated throttling period, then these trap- events must be suppressed by the agent. An NMS should periodically check the value of lldpStatsRemTableLastChangeTime to detect any missed lldpRemTablesChange notification-events, e.g. due to throttling or transmission loss.</p> <p>If notification transmission is enabled for particular ports, the suggested default throttling period is 5 seconds.</p> <p>The value of this object must be restored from non-volatile storage after a re-initialization of the management system.</p> |

View LLDP Port Control Table

```
snmpwalk -v2c -c private 10.90.90.90 1.0.8802.1.1.2.1.1.6
```

```
C:\>snmpwalk -v2c -c private 10.90.90.90 1.0.8802.1.1.2.1.1.6
iso.0.8802.1.1.2.1.1.6.1.2.1 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.2 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.3 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.4 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.5 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.6 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.7 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.8 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.9 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.10 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.11 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.12 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.13 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.14 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.15 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.16 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.17 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.18 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.19 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.20 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.21 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.22 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.23 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.24 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.25 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.26 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.3.1 = INTEGER: 2
iso.0.8802.1.1.2.1.1.6.1.3.2 = INTEGER: 2
iso.0.8802.1.1.2.1.1.6.1.3.3 = INTEGER: 2
iso.0.8802.1.1.2.1.1.6.1.3.4 = INTEGER: 2
iso.0.8802.1.1.2.1.1.6.1.3.5 = INTEGER: 2
iso.0.8802.1.1.2.1.1.6.1.3.6 = INTEGER: 2
```

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 following structure:

- iso
 - lldpMIB
 - lldpNotifications
 - lldpNotificationPrefix
 - lldpRemTablesChange
 - lldpObjects
 - lldpConfiguration
 - lldpMessageTxInterval
 - lldpMessageTxHoldMultiplier
 - lldpReinitDelay
 - lldpTxDelay
 - lldpNotificationInterval
 - lldpPortConfigTable
 - lldpPortConfigEntry
 - lldpPortConfigPortNum
 - lldpPortConfigAdminStatus
 - lldpPortConfigNotificationEnable
 - lldpPortConfigTLVsTxEnable

The details pane for the selected **lldpPortConfigTable** object shows the following information:

- Object name:** lldpPortConfigTable
- Object ID:** 1.0.8802.1.1.2.1.1.6
- Module:** LLDP-MIB
- Base syntax:** Sequence Of lldpPortConfigEntry
- Access:** Not_Accessible
- Status:** Current
- Sequence:** 1:lldpPortConfigPortNum - Integer
2:lldpPortConfigAdminStatus - Integer
3:lldpPortConfigNotificationEnable - Integer
4:lldpPortConfigTLVsTxEnable - 0
- Parent node:** lldpConfiguration
- First child:** lldpPortConfigEntry
- Description:** The table that controls LLDP frame transmission on individual ports.

| | | |
|---|--|--|
| MIB Tree iso lldpMIB lldpNotifications lldpNotificationPrefix lldpRemTablesChange lldpObjects lldpConfiguration lldpMessageTxInterval lldpMessageTxHoldMultiplier lldpReinitDelay lldpTxDelay lldpNotificationInterval lldpPortConfigTable lldpPortConfigEntry lldpPortConfigPortNum lldpPortConfigAdminStatus lldpPortConfigNotificationEnable lldpPortConfigTLVsTxEnable | Object name | lldpPortConfigPortNum |
| | Object ID | 1.0.8802.1.1.2.1.1.6.1.1 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | LldpPortNumber |
| | Access | Not_Accessible |
| | Status | Current |
| | Value list | 1 : 1..4096 |
| | Parent node | lldpPortConfigEntry |
| | First child | None |
| Description | The index value used to identify the port component (contained in the local chassis with the LLDP agent) associated with this entry. | |
| | | The value of this object is used as a port index to the lldpPortConfigTable. |

View LLDP Port Control Admin Status

snmpwalk -v2c -c private 10.90.90.90 1.0.8802.1.1.2.1.1.6.1.2

```
C:\>snmpwalk -v2c -c private 10.90.90.90 1.0.8802.1.1.2.1.1.6.1.2
iso.0.8802.1.1.2.1.1.6.1.2.1 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.2 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.3 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.4 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.5 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.6 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.7 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.8 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.9 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.10 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.11 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.12 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.13 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.14 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.15 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.16 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.17 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.18 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.19 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.20 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.21 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.22 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.23 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.24 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.25 = INTEGER: 3
iso.0.8802.1.1.2.1.1.6.1.2.26 = INTEGER: 3
```

Set LLDP Port Control Admin Status

Example

Configure port 1 to disable status

snmpset -v2c -c private 10.90.90.90 1.0.8802.1.1.2.1.1.6.1.2.1 i 4

```
C:\>snmpset -v2c -c private 10.90.90.90 1.0.8802.1.1.2.1.1.6.1.2.1 i 4
iso.0.8802.1.1.2.1.1.6.1.2.1 = INTEGER: 4
```

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------------|---------------------------|-----------|--------------------------|--------|----------|-------------|---------|-----------------|---------|--------|------------|--------|---------|------------|---|-------------|---------------------|-------------|------|-------------|--|--|---|--|---|--|---|--|--|
| <p>MIB Tree</p> <ul style="list-style-type: none"> iso <ul style="list-style-type: none"> lldpMIB <ul style="list-style-type: none"> lldpNotifications <ul style="list-style-type: none"> lldpNotificationPrefix <ul style="list-style-type: none"> lldpRemTablesChange lldpObjects <ul style="list-style-type: none"> lldpConfiguration <ul style="list-style-type: none"> lldpMessageTxInterval lldpMessageTxHoldMultiplier lldpReinitDelay lldpTxDelay lldpNotificationInterval lldpPortConfigTable <ul style="list-style-type: none"> lldpPortConfigEntry <ul style="list-style-type: none"> lldpPortConfigPortNum lldpPortConfigAdminStatus lldpPortConfigNotificationEnable lldpPortConfigTLVsTxEnable lldpConfigManAddrTable <ul style="list-style-type: none"> lldpConfigManAddrEntry <ul style="list-style-type: none"> lldpConfigManAddrPortsTxEnable lldpStatistics <ul style="list-style-type: none"> lldpStatsRemTablesLastChangeTime lldpStatsRemTablesInserts lldpStatsRemTablesDeletes lldpStatsRemTablesDrops lldpStatsRemTablesAgeouts lldpStatsTxPortTable <ul style="list-style-type: none"> lldpStatsTxPortEntry <ul style="list-style-type: none"> lldpStatsTxPortNum lldpStatsTxPortFramesTotal lldpStatsRxPortTable <ul style="list-style-type: none"> lldpStatsRxPortEntry <ul style="list-style-type: none"> lldpStatsRxPortNum lldpStatsRxPortFramesDiscardedT | <table border="0"> <tr> <td>Object name</td> <td>lldpPortConfigAdminStatus</td> </tr> <tr> <td>Object ID</td> <td>1.0.8802.1.1.2.1.1.6.1.2</td> </tr> <tr> <td>Module</td> <td>LLDP-MIB</td> </tr> <tr> <td>Base syntax</td> <td>Integer</td> </tr> <tr> <td>Composed syntax</td> <td>INTEGER</td> </tr> <tr> <td>Access</td> <td>Read-Write</td> </tr> <tr> <td>Status</td> <td>Current</td> </tr> <tr> <td>Value list</td> <td>1 : txOnly(1) 2 : rxOnly(2) 3 : txAndRx(3) 4 : disabled(4)</td> </tr> <tr> <td>Parent node</td> <td>lldpPortConfigEntry</td> </tr> <tr> <td>First child</td> <td>None</td> </tr> <tr> <td>Description</td> <td>The administratively desired status of the local LLDP agent.</td> </tr> <tr> <td></td> <td>If the associated lldpPortConfigAdminStatus object has a value of 'txOnly(1)', then LLDP agent will transmit LLDP frames on this port and it will not store any information about the remote systems connected.</td> </tr> <tr> <td></td> <td>If the associated lldpPortConfigAdminStatus object has a value of 'rxOnly(2)', then the LLDP agent will receive, but it will not transmit LLDP frames on this port.</td> </tr> <tr> <td></td> <td>If the associated lldpPortConfigAdminStatus object has a value of 'txAndRx(3)', then the LLDP agent will transmit and receive LLDP frames on this port.</td> </tr> <tr> <td></td> <td>If the associated lldpPortConfigAdminStatus object has a value of 'disabled(4)', then LLDP agent will not transmit or receive LLDP frames on this port. If there is remote systems information which is received on this port and stored in other tables, before the port's lldpPortConfigAdminStatus becomes disabled, then the information will naturally age out.</td> </tr> </table> | Object name | lldpPortConfigAdminStatus | Object ID | 1.0.8802.1.1.2.1.1.6.1.2 | Module | LLDP-MIB | Base syntax | Integer | Composed syntax | INTEGER | Access | Read-Write | Status | Current | Value list | 1 : txOnly(1) 2 : rxOnly(2) 3 : txAndRx(3) 4 : disabled(4) | Parent node | lldpPortConfigEntry | First child | None | Description | The administratively desired status of the local LLDP agent. | | If the associated lldpPortConfigAdminStatus object has a value of 'txOnly(1)', then LLDP agent will transmit LLDP frames on this port and it will not store any information about the remote systems connected. | | If the associated lldpPortConfigAdminStatus object has a value of 'rxOnly(2)', then the LLDP agent will receive, but it will not transmit LLDP frames on this port. | | If the associated lldpPortConfigAdminStatus object has a value of 'txAndRx(3)', then the LLDP agent will transmit and receive LLDP frames on this port. | | If the associated lldpPortConfigAdminStatus object has a value of 'disabled(4)', then LLDP agent will not transmit or receive LLDP frames on this port. If there is remote systems information which is received on this port and stored in other tables, before the port's lldpPortConfigAdminStatus becomes disabled, then the information will naturally age out. |
| Object name | lldpPortConfigAdminStatus | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Object ID | 1.0.8802.1.1.2.1.1.6.1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Module | LLDP-MIB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Base syntax | Integer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Composed syntax | INTEGER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Access | Read-Write | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Status | Current | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Value list | 1 : txOnly(1) 2 : rxOnly(2) 3 : txAndRx(3) 4 : disabled(4) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parent node | lldpPortConfigEntry | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| First child | None | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description | The administratively desired status of the local LLDP agent. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | If the associated lldpPortConfigAdminStatus object has a value of 'txOnly(1)', then LLDP agent will transmit LLDP frames on this port and it will not store any information about the remote systems connected. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | If the associated lldpPortConfigAdminStatus object has a value of 'rxOnly(2)', then the LLDP agent will receive, but it will not transmit LLDP frames on this port. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | If the associated lldpPortConfigAdminStatus object has a value of 'txAndRx(3)', then the LLDP agent will transmit and receive LLDP frames on this port. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | If the associated lldpPortConfigAdminStatus object has a value of 'disabled(4)', then LLDP agent will not transmit or receive LLDP frames on this port. If there is remote systems information which is received on this port and stored in other tables, before the port's lldpPortConfigAdminStatus becomes disabled, then the information will naturally age out. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| MIB Tree iso IldpMIB IldpNotifications IldpNotificationPrefix IldpRemTablesChange IldpObjects IldpConfiguration IldpMessageTxInterval IldpMessageTxHoldMultiplier IldpReinitDelay IldpTxDelay IldpNotificationInterval IldpPortConfigTable IldpPortConfigEntry IldpPortConfigPortNum IldpPortConfigAdminStatus IldpPortConfigNotificationEnable IldpPortConfigTLVsTxEnable | Object name | IldpPortConfigNotificationEnable |
| | Object ID | 1.0.8802.1.1.2.1.1.6.1.3 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | TruthValue |
| | Access | Read-Write |
| | Status | Current |
| | Value list | 1 : true(1) 2 : false(2) |
| | Parent node | IldpPortConfigEntry |
| | First child | None |
| Description | The IldpPortConfigNotificationEnable controls, on a per port basis, whether or not notifications from the agent are enabled. The value true(1) means that notifications are enabled; the value false(2) means that they are not. | |

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| MIB Tree iso IldpMIB IldpNotifications IldpNotificationPrefix IldpRemTablesChange IldpObjects IldpConfiguration IldpMessageTxInterval IldpMessageTxHoldMultiplier IldpReinitDelay IldpTxDelay IldpNotificationInterval IldpPortConfigTable IldpPortConfigEntry IldpPortConfigPortNum IldpPortConfigAdminStatus IldpPortConfigNotificationEnable IldpPortConfigTLVsTxEnable IldpConfigManAddrTable IldpConfigManAddrEntry IldpConfigManAddrPortsTxEnable IldpStatistics IldpStatsRemTablesLastChangeTime IldpStatsRemTablesInserts IldpStatsRemTablesDeletes IldpStatsRemTablesDrops IldpStatsRemTablesAgeouts IldpStatsTxPortTable IldpStatsTxPortEntry IldpStatsTxPortNum IldpStatsTxPortFramesTotal IldpStatsRxPortTable IldpStatsRxPortEntry IldpStatsRxPortNum IldpStatsRxPortFramesDiscardedTotal IldpStatsRxPortFramesErrors IldpStatsRxPortFramesTotal IldpStatsRxPortTLVsDiscardedTotal IldpStatsRxPortTLVsUnrecognized IldpStatsRxPortAgeoutsTotal | Base syntax | Integer |
| | Composed syntax | BITS |
| | Access | Read-Write |
| | Status | Current |
| | Parent node | IldpPortConfigEntry |
| | First child | None |
| | Description | The IldpPortConfigTLVsTxEnable, defined as a bitmap, includes the basic set of LLDP TLVs whose transmission is allowed on the local LLDP agent by the network management. Each bit in the bitmap corresponds to a TLV type associated with a specific optional TLV. It should be noted that the organizationally-specific TLVs are excluded from the IldpTLVsTxEnable bitmap. LLDP Organization Specific Information Extension MIBs should have similar configuration object to control transmission of their organizationally defined TLVs. The bit 'portDesc(0)' indicates that LLDP agent should transmit 'Port Description TLV'. The bit 'sysName(1)' indicates that LLDP agent should transmit 'System Name TLV'. The bit 'sysDesc(2)' indicates that LLDP agent should transmit 'System Description TLV'. The bit 'sysCap(3)' indicates that LLDP agent should transmit 'System Capabilities TLV'. There is no bit reserved for the management address TLV type since transmission of management address TLVs are controlled by another object, IldpConfigManAddrTable. The default value for IldpPortConfigTLVsTxEnable object is empty set, which means no enumerated values are set. The value of this object must be restored from non-volatile storage after a re-initialization of the management system. |

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| | Object name | IldpConfigManAddrTable |
| | Object ID | 1.0.8802.1.1.2.1.1.7 |
| | Module | LLDP-MIB |
| | Base syntax | Sequence Of IldpConfigManAddrEntry |
| | Access | Not_Accessible |
| | Status | Current |
| | Sequence | 1:IldpConfigManAddrPortsTxEnable - Octet String |
| | Parent node | IldpConfiguration |
| | First child | IldpConfigManAddrEntry |
| | Description | The table that controls selection of LLDP management address TLV instances to be transmitted on individual ports. |

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|-------------|--|--------------------------------|
| | Object name | IldpConfigManAddrPortsTxEnable |
| | Object ID | 1.0.8802.1.1.2.1.1.7.1.1 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | LldpPortList |
| | Access | Read-Write |
| | Status | Current |
| | Value list | 1 : 0..512 |
| | Parent node | IldpConfigManAddrEntry |
| | First child | None |
| Description | A set of ports that are identified by a PortList, in which each port is represented as a bit. The corresponding local system management address instance will be transmitted on the member ports of the IldpManAddrPortsTxEnable. The default value for IldpConfigManAddrPortsTxEnable object is empty binary string, which means no ports are specified for advertising indicated management address instance. | |

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|--|-------------|----------------------------------|
| | Object name | IldpStatistics |
| | Object ID | 1.0.8802.1.1.2.1.2 |
| | Module | LLDP-MIB |
| | Base syntax | Object Identifier |
| | Access | Not_Accessible |
| | Status | Mandatory |
| | Parent node | IldpObjects |
| | First child | IldpStatsRemTablesLastChangeTime |
| | Description | |
| | Description | |

| | | |
|--|-----------------|---|
| | Object name | lldpStatsRemTablesLastChangeTime |
| | Object ID | 1.0.8802.1.1.2.1.2.1 |
| | Module | LLDP-MIB |
| | Base syntax | TimeTicks |
| | Composed syntax | TimeStamp |
| | Access | Read-Only |
| | Status | Current |
| | Parent node | lldpStatistics |
| | First child | None |
| | Description | The value of sysUpTime object (defined in IETF RFC 3418) at the time an entry is created, modified, or deleted in the tables associated with the lldpRemoteSystemsData objects and all LLDP extension objects associated with remote systems. |
| | | An NMS can use this object to reduce polling of the lldpRemoteSystemsData objects. |
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| | Object name | lldpStatsRemTablesInserts |
| | Object ID | 1.0.8802.1.1.2.1.2.2 |
| | Module | LLDP-MIB |
| | Base syntax | Gauge |
| | Composed syntax | ZeroBasedCounter32 |
| | Access | Read-Only |
| | Status | Current |
| | Parent node | lldpStatistics |
| | First child | None |
| | Description | The number of times the complete set of information advertised by a particular MSAP has been inserted into tables contained in lldpRemoteSystemsData and lldpExtensions objects. |
| | | The complete set of information received from a particular MSAP should be inserted into related tables. If partial information cannot be inserted for a reason such as lack of resources, all of the complete set of information should be removed. |
| | | This counter should be incremented only once after the complete set of information is successfully recorded in all related tables. Any failures during inserting information set which result in deletion of previously inserted information should not trigger any changes in lldpStatsRemTablesInserts since the insert is not completed yet or in lldpStatsRemTablesDeletes, since the deletion would only be a partial deletion. If the failure was the result of lack of resources, the lldpStatsRemTablesDrops counter should be incremented once. |
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|---|---|
| | Object name IldpStatsRemTablesDeletes Object ID 1.0.8802.1.1.2.1.2.3 Module LLDP-MIB |
| | Base syntax Gauge Composed syntax ZeroBasedCounter32 Access Read-Only Status Current |
| Parent node IldpStatistics First child None Description The number of times the complete set of information advertised by a particular MSAP has been deleted from tables contained in IldpRemoteSystemsData and IldpExtensions objects. This counter should be incremented only once when the complete set of information is completely deleted from all related tables. Partial deletions, such as deletion of rows associated with a particular MSAP from some tables, but not from all tables are not allowed, thus should not change the value of this counter. | |

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| | Object name IldpStatsRemTablesDrops Object ID 1.0.8802.1.1.2.1.2.4 Module LLDP-MIB |
| | Base syntax Gauge Composed syntax ZeroBasedCounter32 Access Read-Only Status Current |
| Parent node IldpStatistics First child None Description The number of times the complete set of information advertised by a particular MSAP could not be entered into tables contained in IldpRemoteSystemsData and IldpExtensions objects because of insufficient resources. | |

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| | Object name IldpStatsRemTablesAgeouts Object ID 1.0.8802.1.1.2.1.2.5 Module LLDP-MIB |
| | Base syntax Gauge Composed syntax ZeroBasedCounter32 Access Read-Only Status Current |
| Parent node IldpStatistics First child None Description The number of times the complete set of information advertised by a particular MSAP has been deleted from tables contained in IldpRemoteSystemsData and IldpExtensions objects because the information timeliness interval has expired. This counter should be incremented only once when the complete set of information is completely invalidated (aged out) from all related tables. Partial aging, similar to deletion case, is not allowed, and thus, should not change the value of this counter. | |

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|--|-------------|---|
| | Object name | IldpStatsTxPortTable |
| | Object ID | 1.0.8802.1.1.2.1.2.6 |
| | Module | LLDP-MIB |
| | Base syntax | Sequence Of IldpStatsTxPortEntry |
| | Access | Not_Accessible |
| | Status | Current |
| | Sequence | 1:IldpStatsTxPortNum - Integer 2:IldpStatsTxPortFramesTotal - Counter |
| | Parent node | IldpStatistics |
| | First child | IldpStatsTxPortEntry |
| | Description | A table containing LLDP transmission statistics for individual ports. Entries are not required to exist in this table while the IldpPortConfigEntry object is equal to 'disabled(4)'. |

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|--|-----------------|---|
| | Object name | IldpStatsTxPortNum |
| | Object ID | 1.0.8802.1.1.2.1.2.6.1.1 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | LldpPortNumber |
| | Access | Not_Accessible |
| | Status | Current |
| | Value list | 1 : 1..4096 |
| | Parent node | IldpStatsTxPortEntry |
| | Description | The index value used to identify the port component (contained in the local chassis with the LLDP agent) associated with this entry. The value of this object is used as a port index to the IldpStatsTable. |

| | | |
|--|-----------------|---|
| | Object name | IldpStatsTxPortFramesTotal |
| | Object ID | 1.0.8802.1.1.2.1.2.6.1.2 |
| | Module | LLDP-MIB |
| | Base syntax | Counter |
| | Composed syntax | Counter32 |
| | Access | Read-Only |
| | Status | Current |
| | Parent node | IldpStatsTxPortEntry |
| | First child | None |
| | Description | The number of LLDP frames transmitted by this LLDP agent on the indicated port. |

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|--|-------------|--|
| | Object name | IldpStatsRxPortTable |
| | Object ID | 1.0.8802.1.1.2.1.2.7 |
| | Module | LLDP-MIB |
| | Base syntax | Sequence Of IldpStatsRxPortEntry |
| | Access | Not_Accessible |
| | Status | Current |
| | Sequence | 1:IldpStatsRxPortNum - Integer 2:IldpStatsRxPortFramesDiscardedTotal - Counter 3:IldpStatsRxPortFramesErrors - Counter 4:IldpStatsRxPortFramesTotal - Counter 5:IldpStatsRxPortTLVsDiscardedTotal - Counter 6:IldpStatsRxPortTLVsUnrecognizedTotal - Counter 7:IldpStatsRxPortAgeoutsTotal - Gauge |
| | Parent node | IldpStatistics |
| | First child | IldpStatsRxPortEntry |
| | Description | A table containing LLDP reception statistics for individual ports. Entries are not required to exist in this table while the IldpPortConfigEntry object is equal to 'disabled(4)'. The value of this object is used as a port index to the IldpStatsTable. |

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| | Object name | IldpStatsRxPortNum |
| | Object ID | 1.0.8802.1.1.2.1.2.7.1.1 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | IldpPortNumber |
| | Access | Not_Accessible |
| | Status | Current |
| | Value list | 1 : 1..4096 |
| | Parent node | IldpStatsRxPortEntry |
| | Description | The index value used to identify the port component (contained in the local chassis with the LLDP agent) associated with this entry. The value of this object is used as a port index to the IldpStatsTable. |

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|--|-----------------|---|
| | Object name | IldpStatsRxPortFramesDiscardedTotal |
| | Object ID | 1.0.8802.1.1.2.1.2.7.1.2 |
| | Module | LLDP-MIB |
| | Base syntax | Counter |
| | Composed syntax | Counter32 |
| | Access | Read-Only |
| | Status | Current |
| | Parent node | IldpStatsRxPortEntry |
| | First child | None |
| | Description | The number of LLDP frames received by this LLDP agent on the indicated port, and then discarded for any reason. This counter can provide an indication that LLDP header formatting problems may exist with the local LLDP agent in the sending system or that LLDPDU validation problems may exist with the local LLDP agent in the receiving system. |

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| | Object name | lldpStatsRxPortFramesErrors | |
| | Object ID | 1.0.8802.1.1.2.1.2.7.1.3 | |
| | Module | LLDP-MIB | |
| | Base syntax | Counter | |
| | Composed syntax | Counter32 | |
| | Access | Read-Only | |
| | Status | Current | |
| | Parent node | lldpStatsRxPortEntry | |
| | First child | None | |
| | Description | The number of invalid LLDP frames received by this LLDP agent on the indicated port, while this LLDP agent is enabled. | |
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| | Object name | lldpStatsRxPortFramesTotal | |
| | Object ID | 1.0.8802.1.1.2.1.2.7.1.4 | |
| | Module | LLDP-MIB | |
| | Base syntax | Counter | |
| | Composed syntax | Counter32 | |
| | Access | Read-Only | |
| | Status | Current | |
| | Parent node | lldpStatsRxPortEntry | |
| | First child | None | |
| | Description | The number of valid LLDP frames received by this LLDP agent on the indicated port, while this LLDP agent is enabled. | |
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|--|-----------------|--|--|
| | Object name | lldpStatsRxPortTLVsDiscardedTotal | |
| | Object ID | 1.0.8802.1.1.2.1.2.7.1.5 | |
| | Module | LLDP-MIB | |
| | Base syntax | Counter | |
| | Composed syntax | Counter32 | |
| | Access | Read-Only | |
| | Status | Current | |
| | Parent node | lldpStatsRxPortEntry | |
| | First child | None | |
| | Description | The number of LLDP TLVs discarded for any reason by this LLDP agent on the indicated port. | |
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|--|-----------------|--|--|
| | Object name | lldpStatsRxPortTLVsUnrecognizedTotal | |
| | Object ID | 1.0.8802.1.1.2.1.2.7.1.6 | |
| | Module | LLDP-MIB | |
| | Base syntax | Counter | |
| | Composed syntax | Counter32 | |
| | Access | Read-Only | |
| | Status | Current | |
| | Parent node | lldpStatsRxPortEntry | |
| | First child | None | |
| | Description | The number of LLDP TLVs received on the given port that are not recognized by this LLDP agent on the indicated port. | |
| | | | An unrecognized TLV is referred to as the TLV whose type value is in the range of reserved TLV types (000 1001 - 111 1110) in Table 9.1 of IEEE Std 802.1AB-2005. An unrecognized TLV may be a basic management TLV from a later LLDP version. |
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| | Object name | lldpStatsRxPortAgeoutsTotal | |
| | Object ID | 1.0.8802.1.1.2.1.2.7.1.7 | |
| | Module | LLDP-MIB | |
| | Base syntax | Gauge | |
| | Composed syntax | ZeroBasedCounter32 | |
| | Access | Read-Only | |
| | Status | Current | |
| | Parent node | lldpStatsRxPortEntry | |
| | First child | None | |
| | Description | The counter that represents the number of age-outs that occurred on a given port. An age-out is the number of times the complete set of information advertised by a particular MSAP has been deleted from tables contained in lldpRemoteSystemsData and lldpExtensions objects because the information timeliness interval has expired. | |
| | | | This counter is similar to lldpStatsRemTablesAgeouts, except that the counter is on a per port basis. This enables NMS to poll tables associated with the lldpRemoteSystemsData objects and all LLDP extension objects associated with remote systems on the indicated port only. |
| | | | This counter should be set to zero during agent initialization and its value should not be saved in non-volatile storage. When a port's admin status changes from 'disabled' to 'xOnly', 'bOnly' or 'bAndRx', the counter associated with the same port should reset to 0. The agent should also flush all remote system information associated with the same port. |
| | | | This counter should be incremented only once when the complete set of information is invalidated (aged out) from all related tables on a particular port. Partial aging is not allowed, and thus, should not change the value of this counter. |
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|--|-------------|-------------------------|
| | Object name | lldpLocalSystemData |
| | Object ID | 1.0.8802.1.1.2.1.3 |
| | Module | LLDP-MIB |
| | Base syntax | Object Identifier |
| | Access | Not_Accessible |
| | Status | Mandatory |
| | Parent node | lldpObjects |
| | First child | lldpLocChassisIdSubtype |

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|--|-----------------|--|
| | Object name | lldpLocChassisIdSubtype |
| | Object ID | 1.0.8802.1.1.2.1.3.1 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | LldpChassisIdSubtype |
| | Access | Read-Only |
| | Status | Current |
| | Value list | <ul style="list-style-type: none"> 1 : chassisComponent(1) 2 : interfaceAlias(2) 3 : portComponent(3) 4 : macAddress(4) 5 : networkAddress(5) 6 : interfaceName(6) 7 : local(7) |
| | Parent node | lldpLocalSystemData |
| | First child | None |
| | Description | The type of encoding used to identify the chassis associated with the local system. |

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|--|-----------------|---|
| | Object name | lldpLocChassisId |
| | Object ID | 1.0.8802.1.1.2.1.3.2 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | LldpChassisId |
| | Access | Read-Only |
| | Status | Current |
| | Value list | 1 : 1..255 |
| | Parent node | lldpLocalSystemData |
| | First child | None |
| | Description | The string value used to identify the chassis component associated with the local system. |

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|--|-----------------|---|
| | Object name | lldpLocSysName |
| | Object ID | 1.0.8802.1.1.2.1.3.3 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | SnmpAdminString |
| | Access | Read-Only |
| | Status | Current |
| | Value list | 1 : 0..255 |
| | Parent node | lldpLocalSystemData |
| | First child | None |
| | Description | The string value used to identify the system name of the local system. If the local agent supports IETF RFC 3418, lldpLocSysName object should have the same value of sysName object. |

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| | Object name | lldpLocSysDesc |
| | Object ID | 1.0.8802.1.1.2.1.3.4 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | SnmpAdminString |
| | Access | Read-Only |
| | Status | Current |
| | Value list | 1 : 0..255 |
| | Parent node | lldpLocalSystemData |
| | First child | None |
| | Description | The string value used to identify the system description of the local system. If the local agent supports IETF RFC 3418, lldpLocSysDesc object should have the same value of sysDesc object. |

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|--|-----------------|--|
| | Object name | lldpLocSysCapSupported |
| | Object ID | 1.0.8802.1.1.2.1.3.5 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | LldpSystemCapabilitiesMap |
| | Access | Read-Only |
| | Status | Current |
| | Parent node | lldpLocalSystemData |
| | First child | None |
| | Description | The bitmap value used to identify which system capabilities are supported on the local system. |

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|--|-----------------|--|
| | Object name | IldpLocSysCapEnabled |
| | Object ID | 1.0.8802.1.1.2.1.3.6 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | LldpSystemCapabilitiesMap |
| | Access | Read-Only |
| | Status | Current |
| | Parent node | IldpLocalSystemData |
| | First child | None |
| | Description | The bitmap value used to identify which system capabilities are enabled on the local system. |

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| | Object name | IldpLocPortTable |
| | Object ID | 1.0.8802.1.1.2.1.3.7 |
| | Module | LLDP-MIB |
| | Base syntax | Sequence Of IldpLocPortEntry |
| | Access | Not_Accessible |
| | Status | Current |
| | Sequence | 1:IldpLocPortNum - Integer 2:IldpLocPortIdSubtype - Integer 3:IldpLocPortId - Octet String 4:IldpLocPortDesc - Octet String |
| | Parent node | IldpLocalSystemData |
| | First child | IldpLocPortEntry |
| | Description | This table contains one or more rows per port information associated with the local system known to this agent. |

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| | Object name | IldpLocPortNum |
| | Object ID | 1.0.8802.1.1.2.1.3.7.1.1 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | LldpPortNumber |
| | Access | Not_Accessible |
| | Status | Current |
| | Value list | 1 : 1..4096 |
| | Parent node | IldpLocPortEntry |
| | First child | None |
| Description | The index value used to identify the port component (contained in the local chassis with the LLDP agent) associated with this entry. The value of this object is used as a port index to the IldpLocPortTable. | |

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|--|-----------------|--|
| | Object name | lldpLocPortIdSubtype |
| | Object ID | 1.0.8802.1.1.2.1.3.7.1.2 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | LldpPortIdSubtype |
| | Access | Read-Only |
| | Status | Current |
| | Value list | 1 : interfaceAlias(1) 2 : portComponent(2) 3 : macAddress(3) 4 : networkAddress(4) 5 : interfaceName(5) 6 : agentCircuitId(6) 7 : local(7) |
| | Parent node | lldpLocPortEntry |
| | First child | None |
| | Description | The type of port identifier encoding used in the associated lldpLocPortId' object. |

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| | Object name | lldpLocPortId |
| | Object ID | 1.0.8802.1.1.2.1.3.7.1.3 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | LldpPortId |
| | Access | Read-Only |
| | Status | Current |
| | Value list | 1 : 1..255 |
| | Parent node | lldpLocPortEntry |
| | First child | None |
| | Description | The string value used to identify the port component associated with a given port in the local system. |

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|--|-----------------|---|
| | Object name | lldpLocPortDesc |
| | Object ID | 1.0.8802.1.1.2.1.3.7.1.4 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | SnmpAdminString |
| | Access | Read-Only |
| | Status | Current |
| | Value list | 1 : 0..255 |
| | Parent node | lldpLocPortEntry |
| | First child | None |
| | Description | The string value used to identify the IEEE 802 LAN station's port description associated with the local system. If the local agent supports IETF RFC 2963, lldpLocPortDesc object should have the same value of ifDescr object. |

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|--|-------------|---|
| | Object name | IldpLocManAddrTable |
| | Object ID | 1.0.8802.1.1.2.1.3.8 |
| | Module | LLDP-MIB |
| | Base syntax | Sequence Of IldpLocManAddrEntry |
| | Access | Not_Accessible |
| | Status | Current |
| | Sequence | 1:IldpLocManAddrSubtype - Integer 2:IldpLocManAddr - Octet String 3:IldpLocManAddrLen - Integer 4:IldpLocManAddrIfSubtype - Integer 5:IldpLocManAddrIfId - Integer 6:IldpLocManAddrOID - 0 |
| | Parent node | IldpLocalSystemData |
| | First child | IldpLocManAddrEntry |
| | Description | This table contains management address information on the local system known to this agent. |

| | | |
|-------------|---|--|
| | Object name | IldpLocManAddrSubtype |
| | Object ID | 1.0.8802.1.1.2.1.3.8.1.1 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | AddressFamilyNumbers |
| | Access | Not_Accessible |
| | Status | Current |
| | Value list | 1 : other(0) 2 : ipV4(1) 3 : ipV6(2) 4 : nsap(3) 5 : hdlc(4) 6 : bbn1822(5) 7 : all802(6) 8 : e163(7) 9 : e164(8) 10 : f69(9) 11 : x121(10) 12 : ipx(11) 13 : appleTalk(12) 14 : decnetV(13) 15 : banyanVines(14) 16 : e164withNsap(15) 17 : dns(16) 18 : distinguishedName(17) 19 : asNumber(18) 20 : xtpOverIpv4(19) 21 : xtpOverIpv6(20) 22 : xtpNativeModeXTP(21) 23 : fibreChannelWWPN(22) 24 : fibreChannelWNN(23) 25 : gwid(24) 26 : afi(25) 27 : reserved(65535) |
| | Parent node | IldpLocManAddrEntry |
| | First child | None |
| Description | The type of management address identifier encoding used in the associated 'IldpLocManagementAddr' object. | |

| | | | |
|--|-----------------|---|--|
| | Object name | IldpLocManAddr | |
| | Object ID | 1.0.8802.1.1.2.1.3.8.1.2 | |
| | Module | LLDP-MIB | |
| | Base syntax | Octet String | |
| | Composed syntax | LldpManAddress | |
| | Access | Not_Accessible | |
| | Status | Current | |
| | Value list | 1 : 1..31 | |
| | Parent node | IldpLocManAddrEntry | |
| | First child | None | |
| | Description | The string value used to identify the management address component associated with the local system. The purpose of this address is to contact the management entity. | |
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|--|-----------------|---|--|
| | Object name | IldpLocManAddrLen | |
| | Object ID | 1.0.8802.1.1.2.1.3.8.1.3 | |
| | Module | LLDP-MIB | |
| | Base syntax | Integer | |
| | Composed syntax | Integer32 | |
| | Access | Read-Only | |
| | Status | Current | |
| | Parent node | IldpLocManAddrEntry | |
| | First child | None | |
| | Description | The total length of the management address subtype and the management address fields in LLDPDUs transmitted by the local LLDP agent. The management address length field is needed so that the receiving systems that do not implement SNMP will not be required to implement an iana family numbers/address length equivalency table in order to decode the management address. | |
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|--|-----------------|--|--|
| | Object name | IldpLocManAddrIfSubtype | |
| | Object ID | 1.0.8802.1.1.2.1.3.8.1.4 | |
| | Module | LLDP-MIB | |
| | Base syntax | Integer | |
| | Composed syntax | LldpManAddrIfSubtype | |
| | Access | Read-Only | |
| | Status | Current | |
| | Value list | 1 : unknown(1) 2 : ifIndex(2) 3 : systemPortNumber(3) | |
| | Parent node | IldpLocManAddrEntry | |
| | First child | None | |
| | Description | The enumeration value that identifies the interface numbering method used for defining the interface number, associated with the local system. | |
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|--|-----------------|--|
| | Object name | IldpLocManAddrIfId |
| | Object ID | 1.0.8802.1.1.2.1.3.8.1.5 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | Integer32 |
| | Access | Read-Only |
| | Status | Current |
| | Parent node | IldpLocManAddrEntry |
| | First child | None |
| | Description | The integer value used to identify the interface number regarding the management address component associated with the local system. |

| | | |
|--|-----------------|---|
| | Object name | IldpLocManAddrOID |
| | Object ID | 1.0.8802.1.1.2.1.3.8.1.6 |
| | Module | LLDP-MIB |
| | Base syntax | Object Identifier |
| | Composed syntax | OBJECT IDENTIFIER |
| | Access | Read-Only |
| | Status | Current |
| | Parent node | IldpLocManAddrEntry |
| | First child | None |
| | Description | The OID value used to identify the type of hardware component or protocol entity associated with the management address advertised by the local system agent. |

| | | |
|--|-------------|-----------------------|
| | Object name | IldpRemoteSystemsData |
| | Object ID | 1.0.8802.1.1.2.1.4 |
| | Module | LLDP-MIB |
| | Base syntax | Object Identifier |
| | Access | Not_Accessible |
| | Status | Mandatory |
| | Parent node | IldpObjects |
| | First child | IldpRemTable |

| | | |
|--|-----------------|--|
| | Object name | IldpRemTimeMark |
| | Object ID | 1.0.8802.1.1.2.1.4.1.1.1 |
| | Module | LLDP-MIB |
| | Base syntax | Time Ticks |
| | Composed syntax | TimeFilter |
| | Access | Not_Accessible |
| | Status | Current |
| | Parent node | IldpRemEntry |
| | First child | None |
| | Description | A TimeFilter for this entry. See the TimeFilter textual convention in IETF RFC 2021 and http://www.ietf.org/IESG/Implementations/RFC2021-Implementation.txt to see how TimeFilter works. |

| | | |
|--|-----------------|---|
| | Object name | IldpRemLocalPortNum |
| | Object ID | 1.0.8802.1.1.2.1.4.1.1.2 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | LldpPortNumber |
| | Access | Not_Accessible |
| | Status | Current |
| | Value list | 1 : 1..4096 |
| | Parent node | IldpRemEntry |
| | First child | None |
| | Description | The index value used to identify the port component (contained in the local chassis with the LLDP agent) associated with this entry. The IldpRemLocalPortNum identifies the port on which the remote system information is received. The value of this object is used as a port index to the IldpRemTable. |

| | | |
|--|-----------------|--|
| | Object name | IldpRemIndex |
| | Object ID | 1.0.8802.1.1.2.1.4.1.1.3 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | Integer32 |
| | Access | Not_Accessible |
| | Status | Current |
| | Value list | 1 : 1..2147483647 |
| | Parent node | IldpRemEntry |
| | First child | None |
| | Description | This object represents an arbitrary local integer value used by this agent to identify a particular connection instance, unique only for the indicated remote system. An agent is encouraged to assign monotonically increasing index values to new entries, starting with one, after each reboot. It is considered unlikely that the IldpRemIndex will wrap between reboots. |

| | | |
|--|-----------------|--|
| | Object name | IldpRemChassisIdSubtype |
| | Object ID | 1.0.8802.1.1.2.1.4.1.1.4 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | LldpChassisIdSubtype |
| | Access | Read-Only |
| | Status | Current |
| | Value list | 1 : chassisComponent(1) 2 : interfaceAlias(2) 3 : portComponent(3) 4 : macAddress(4) 5 : networkAddress(5) 6 : interfaceName(6) 7 : local(7) |
| | Parent node | IldpRemEntry |
| | First child | None |
| | Description | The type of encoding used to identify the chassis associated with the remote system. |

| | | |
|--|-----------------|--|
| | Object name | IldpRemChassisId |
| | Object ID | 1.0.8802.1.1.2.1.4.1.1.5 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | LldpChassisId |
| | Access | Read-Only |
| | Status | Current |
| | Value list | 1 : 1..255 |
| | Parent node | IldpRemEntry |
| | First child | None |
| | Description | The string value used to identify the chassis component associated with the remote system. |

| | | |
|--|-----------------|--|
| | Object name | IldpRemPortIdSubtype |
| | Object ID | 1.0.8802.1.1.2.1.4.1.1.6 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | LldpPortIdSubtype |
| | Access | Read-Only |
| | Status | Current |
| | Value list | 1 : interfaceAlias(1) 2 : portComponent(2) 3 : macAddress(3) 4 : networkAddress(4) 5 : interfaceName(5) 6 : agentCircuitId(6) 7 : local(7) |
| | Parent node | IldpRemEntry |
| | First child | None |
| | Description | The type of port identifier encoding used in the associated IldpRemPortId object. |

| | | |
|--|-----------------|---|
| | Object name | lldpRemPortId |
| | Object ID | 1.0.8802.1.1.2.1.4.1.1.7 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | LldpPortId |
| | Access | Read-Only |
| | Status | Current |
| | Value list | 1 : 1..255 |
| | Parent node | lldpRemEntry |
| | First child | None |
| | Description | The string value used to identify the port component associated with the remote system. |

| | | |
|--|-----------------|--|
| | Object name | lldpRemPortDesc |
| | Object ID | 1.0.8802.1.1.2.1.4.1.1.8 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | SnmpAdminString |
| | Access | Read-Only |
| | Status | Current |
| | Value list | 1 : 0..255 |
| | Parent node | lldpRemEntry |
| | First child | None |
| | Description | The string value used to identify the description of the given port associated with the remote system. |

| | | |
|--|-----------------|---|
| | Object name | lldpRemSysName |
| | Object ID | 1.0.8802.1.1.2.1.4.1.1.9 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | SnmpAdminString |
| | Access | Read-Only |
| | Status | Current |
| | Value list | 1 : 0..255 |
| | Parent node | lldpRemEntry |
| | First child | None |
| | Description | The string value used to identify the system name of the remote system. |

| | | |
|---|-----------------|--|
| <ul style="list-style-type: none"> IldpRemoteSystemsData <ul style="list-style-type: none"> IldpRemTable <ul style="list-style-type: none"> IldpRemEntry <ul style="list-style-type: none"> IldpRemTimeMark IldpRemLocalPortNum IldpRemIndex IldpRemChassisIdSubtype IldpRemChassisId IldpRemPortIdSubtype IldpRemPortId IldpRemPortDesc IldpRemSysName IldpRemSysDesc IldpRemSysCapSupported IldpRemSysCapEnabled | Object name | lldpRemSysDesc |
| | Object ID | 1.0.8802.1.1.2.1.4.1.1.10 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | SnmpAdminString |
| | Access | Read-Only |
| | Status | Current |
| | Value list | 1 : 0..255 |
| | Parent node | lldpRemEntry |
| | First child | None |
| | Description | The string value used to identify the system description of the remote system. |

| | | |
|---|-----------------|---|
| <ul style="list-style-type: none"> IldpRemoteSystemsData <ul style="list-style-type: none"> IldpRemTable <ul style="list-style-type: none"> IldpRemEntry <ul style="list-style-type: none"> IldpRemTimeMark IldpRemLocalPortNum IldpRemIndex IldpRemChassisIdSubtype IldpRemChassisId IldpRemPortIdSubtype IldpRemPortId IldpRemPortDesc IldpRemSysName IldpRemSysDesc IldpRemSysCapSupported IldpRemSysCapEnabled | Object name | lldpRemSysCapSupported |
| | Object ID | 1.0.8802.1.1.2.1.4.1.1.11 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | LldpSystemCapabilitiesMap |
| | Access | Read-Only |
| | Status | Current |
| | Parent node | lldpRemEntry |
| | First child | None |
| | Description | The bitmap value used to identify which system capabilities are supported on the remote system. |

| | | |
|---|-----------------|---|
| <ul style="list-style-type: none"> IldpRemoteSystemsData <ul style="list-style-type: none"> IldpRemTable <ul style="list-style-type: none"> IldpRemEntry <ul style="list-style-type: none"> IldpRemTimeMark IldpRemLocalPortNum IldpRemIndex IldpRemChassisIdSubtype IldpRemChassisId IldpRemPortIdSubtype IldpRemPortId IldpRemPortDesc IldpRemSysName IldpRemSysDesc IldpRemSysCapSupported IldpRemSysCapEnabled | Object name | lldpRemSysCapEnabled |
| | Object ID | 1.0.8802.1.1.2.1.4.1.1.12 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | LldpSystemCapabilitiesMap |
| | Access | Read-Only |
| | Status | Current |
| | Parent node | lldpRemEntry |
| | First child | None |
| | Description | The bitmap value used to identify which system capabilities are enabled on the remote system. |

| | | |
|--|-------------|---|
| | Object name | IldpRemManAddrTable |
| | Object ID | 1.0.8802.1.1.2.1.4.2 |
| | Module | LLDP-MIB |
| | Base syntax | Sequence Of IldpRemManAddrEntry |
| | Access | Not_Accessible |
| | Status | Current |
| | Sequence | 1:IldpRemManAddrSubtype - Integer 2:IldpRemManAddr - Octet String 3:IldpRemManAddrIfSubtype - Integer 4:IldpRemManAddrIfId - Integer 5:IldpRemManAddrOID - 0 |
| | Parent node | IldpRemoteSystemsData |
| | First child | IldpRemManAddrEntry |
| | Description | This table contains one or more rows per management address information on the remote system learned on a particular port contained in the local chassis known to this agent. |

| | | |
|--|-----------------|---|
| | Object name | IldpRemManAddrSubtype |
| | Object ID | 1.0.8802.1.1.2.1.4.2.1.1 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | AddressFamilyNumbers |
| | Access | Not_Accessible |
| | Status | Current |
| | Value list | 1 : other(0) 2 : ipv4(1) 3 : ipv6(2) 4 : nsap(3) 5 : hdlc(4) 6 : bbn1822(5) 7 : all802(6) 8 : e163(7) 9 : e164(8) 10 : f69(9) 11 : x121(10) 12 : ipx(11) 13 : appleTalk(12) 14 : decnetV(13) 15 : banyanVines(14) 16 : e164withNsap(15) 17 : dns(16) 18 : distinguishedName(17) 19 : asNumber(18) 20 : xtpOverIpv4(19) 21 : xtpOverIpv6(20) 22 : xtpNativeModeXTP(21) 23 : fibreChannelW WPN(22) 24 : fibreChannelW WNN(23) 25 : gwid(24) 26 : afi(25) 27 : reserved(65535) |
| | Parent node | IldpRemManAddrEntry |
| | First child | None |
| | Description | The type of management address identifier encoding used in the associated 'IldpRemManagementAddr' object. |

| | | |
|--|-----------------|--|
| | Object name | lldpRemManAddr |
| | Object ID | 1.0.8802.1.1.2.1.4.2.1.2 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | LldpManAddress |
| | Access | Not_Accessible |
| | Status | Current |
| | Value list | 1 : 1..31 |
| | Parent node | lldpRemManAddrEntry |
| | Description | The string value used to identify the management address component associated with the remote system. The purpose of this address is to contact the management entity. |

| | | |
|--|-----------------|---|
| | Object name | lldpRemManAddrIfSubtype |
| | Object ID | 1.0.8802.1.1.2.1.4.2.1.3 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | LldpManAddrIfSubtype |
| | Access | Read-Only |
| | Status | Current |
| | Value list | 1 : unknown(1) 2 : ifIndex(2) 3 : systemPortNumber(3) |
| | Parent node | lldpRemManAddrEntry |
| | Description | The enumeration value that identifies the interface numbering method used for defining the interface number, associated with the remote system. |

| | | |
|--|-----------------|---|
| | Object name | lldpRemManAddrIfId |
| | Object ID | 1.0.8802.1.1.2.1.4.2.1.4 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | Integer32 |
| | Access | Read-Only |
| | Status | Current |
| | Parent node | lldpRemManAddrEntry |
| | First child | None |
| | Description | The integer value used to identify the interface number regarding the management address component associated with the remote system. |

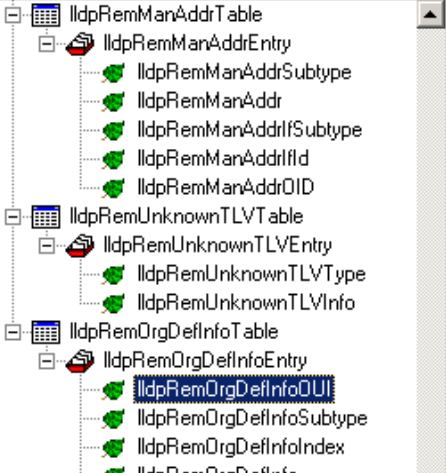
| | | |
|--|-----------------|--|
| | Object name | IldpRemManAddrOID |
| | Object ID | 1.0.8802.1.1.2.1.4.2.1.5 |
| | Module | LLDP-MIB |
| | Base syntax | Object Identifier |
| | Composed syntax | OBJECT IDENTIFIER |
| | Access | Read-Only |
| | Status | Current |
| | Parent node | IldpRemManAddrEntry |
| | First child | None |
| | Description | The OID value used to identify the type of hardware component or protocol entity associated with the management address advertised by the remote system agent. |

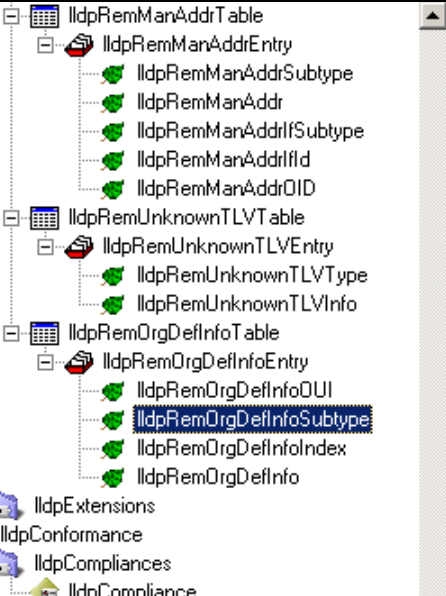
| | | |
|--|-------------|--|
| | Object name | IldpRemUnknownTLV Table |
| | Object ID | 1.0.8802.1.1.2.1.4.3 |
| | Module | LLDP-MIB |
| | Base syntax | Sequence Of IldpRemUnknownTLVEntry |
| | Access | Not_Accessible |
| | Status | Current |
| | Sequence | 1:IldpRemUnknownTLVType - Integer 2:IldpRemUnknownTLVInfo - Octet String |
| | Parent node | IldpRemoteSystemsData |
| | First child | IldpRemUnknownTLVEntry |
| | Description | This table contains information about an incoming TLV which is not recognized by the receiving LLDP agent. The TLV may be from a later version of the basic management set. This table should only contain TLVs that are found in a single LLDP frame. Entries in this table, associated with an MAC service access point (MSAP, the access point for MAC services provided to the LCC sublayer, defined in IEEE 100, which is also identified with a particular IldpRemLocalPortNum, IldpRemIndex pair) are overwritten with most recently received unrecognized TLV from the same MSAP, or they will naturally age out when the rxInfoTTL timer (associated with the MSAP) expires. |

| | | |
|--|-----------------|--|
| | Object name | IldpRemUnknownTLVType |
| | Object ID | 1.0.8802.1.1.2.1.4.3.1.1 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | Integer32 |
| | Access | Not_Accessible |
| | Status | Current |
| | Value list | 1 : 9..126 |
| | Parent node | IldpRemUnknownTLVEntry |
| | Description | This object represents the value extracted from the type field of the TLV. |

| | | |
|-------------|---|--------------------------|
| | Object name | IldpRemUnknownTLVInfo |
| | Object ID | 1.0.8802.1.1.2.1.4.3.1.2 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | OCTET STRING |
| | Access | Read-Only |
| | Status | Current |
| | Value list | 1 : 0..511 |
| | Parent node | IldpRemUnknownTLVEntry |
| | First child | None |
| Description | This object represents the value extracted from the value field of the TLV. | |

| | | |
|--|-------------|--|
| | Object name | IldpRemOrgDefInfoTable |
| | Object ID | 1.0.8802.1.1.2.1.4.4 |
| | Module | LLDP-MIB |
| | Base syntax | Sequence Of IldpRemOrgDefInfoEntry |
| | Access | Not_Accessible |
| | Status | Current |
| | Sequence | 1:IldpRemOrgDefInfoOUI - Octet String 2:IldpRemOrgDefInfoSubtype - Integer 3:IldpRemOrgDefInfoIndex - Integer 4:IldpRemOrgDefInfo - Octet String |
| | Parent node | IldpRemoteSystemsData |
| | First child | IldpRemOrgDefInfoEntry |
| | Description | This table contains one or more rows per physical network connection which advertises the organizationally defined information. Note that this table contains one or more rows of organizationally defined information that is not recognized by the local agent. If the local system is capable of recognizing any organizationally defined information, appropriate extension MIBs from the organization should be used for information retrieval. |

| | | |
|---|-----------------|--|
|  | Object name | IldpRemOrgDefInfoOUI |
| | Object ID | 1.0.8802.1.1.2.1.4.4.1.1 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | OCTET STRING |
| | Access | Not_Accessible |
| | Status | Current |
| | Value list | 1 : 3..3 |
| | Parent node | IldpRemOrgDefInfoEntry |
| | Description | The Organizationally Unique Identifier (OUI), as defined in IEEE Std 802-2001, is a 24 bit (three octets) globally unique assigned number referenced by various standards, of the information received from the remote system. |

| | | |
|--|-----------------|---|
|  | Object name | IldpRemOrgDefInfoSubtype |
| | Object ID | 1.0.8802.1.1.2.1.4.4.1.2 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | Integer32 |
| | Access | Not_Accessible |
| | Status | Current |
| | Value list | 1 : 1..255 |
| | Parent node | IldpRemOrgDefInfoEntry |
| | Description | The integer value used to identify the subtype of the organizationally defined information received from the remote system. The subtype value is required to identify different instances of organizationally defined information that could not be retrieved without a unique identifier that indicates the particular type of information contained in the information string. |

| | | |
|-------------|--|--------------------------|
| | Object name | lldpRemOrgDefInfoIndex |
| | Object ID | 1.0.8802.1.1.2.1.4.4.1.3 |
| | Module | LLDP-MIB |
| | Base syntax | Integer |
| | Composed syntax | Integer32 |
| | Access | Not_Accessible |
| | Status | Current |
| | Value list | 1 : 1..2147483647 |
| | Parent node | lldpRemOrgDefInfoEntry |
| | First child | None |
| Description | <p>This object represents an arbitrary local integer value used by this agent to identify a particular unrecognized organizationally defined information instance, unique only for the lldpRemOrgDefInfoOUI and lldpRemOrgDefInfoSubtype from the same remote system.</p> <p>An agent is encouraged to assign monotonically increasing index values to new entries, starting with one, after each reboot. It is considered unlikely that the lldpRemOrgDefInfoIndex will wrap between reboots.</p> | |

| | | |
|-------------|---|--------------------------|
| | Object name | lldpRemOrgDefInfo |
| | Object ID | 1.0.8802.1.1.2.1.4.4.1.4 |
| | Module | LLDP-MIB |
| | Base syntax | Octet String |
| | Composed syntax | OCTET STRING |
| | Access | Read-Only |
| | Status | Current |
| | Value list | 1 : 0..507 |
| | Parent node | lldpRemOrgDefInfoEntry |
| | First child | None |
| Description | <p>The string value used to identify the organizationally defined information of the remote system. The encoding for this object should be as defined for SnmpAdminString TC.</p> | |