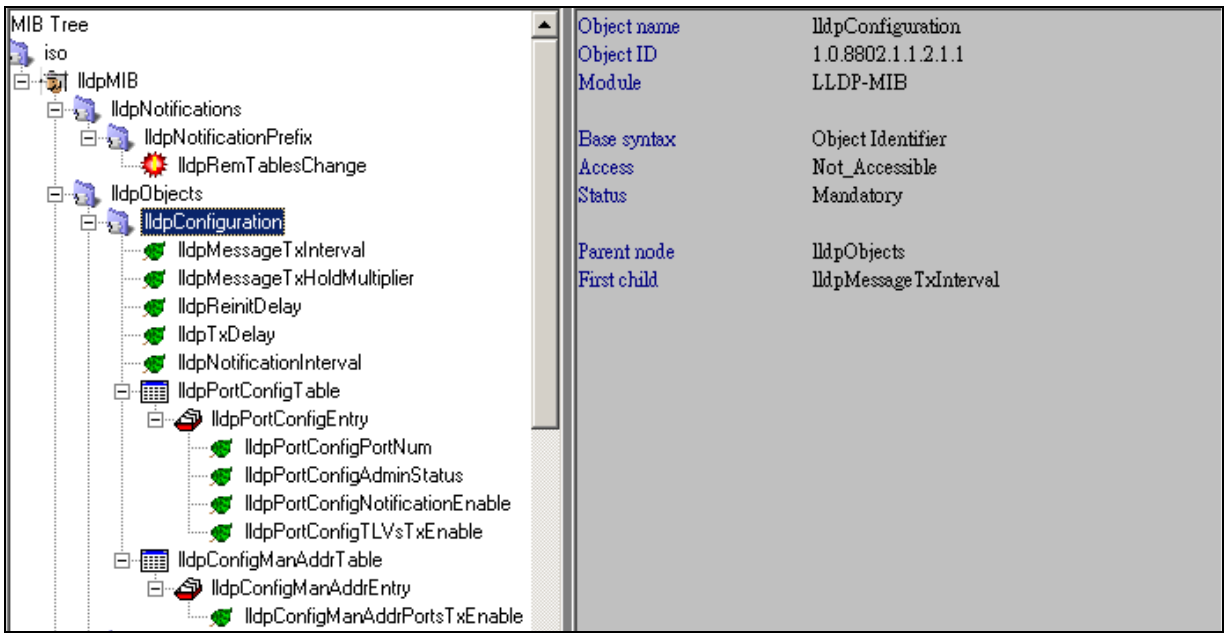
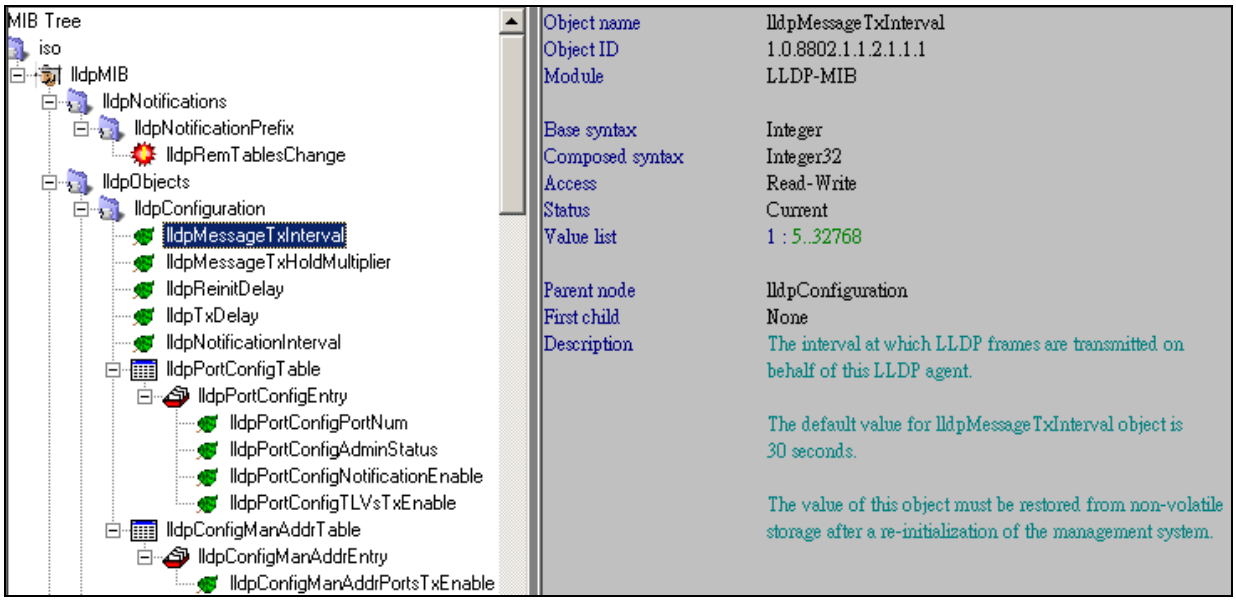
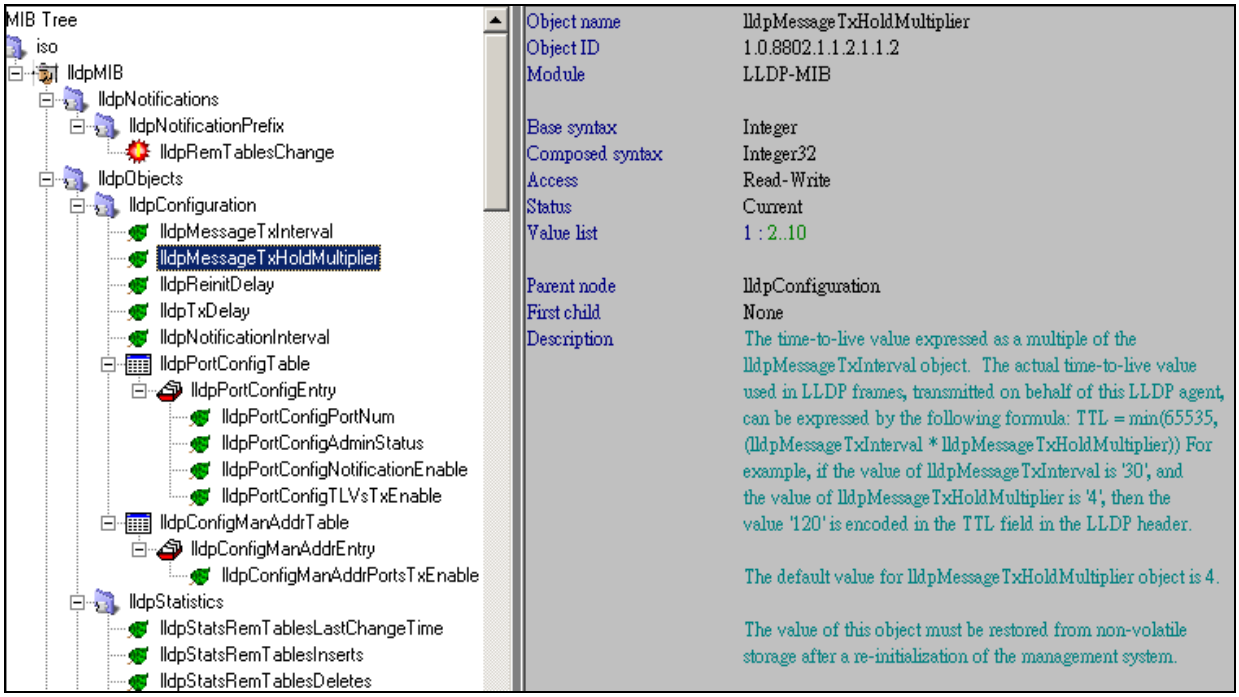
Public MIB module: LLDP

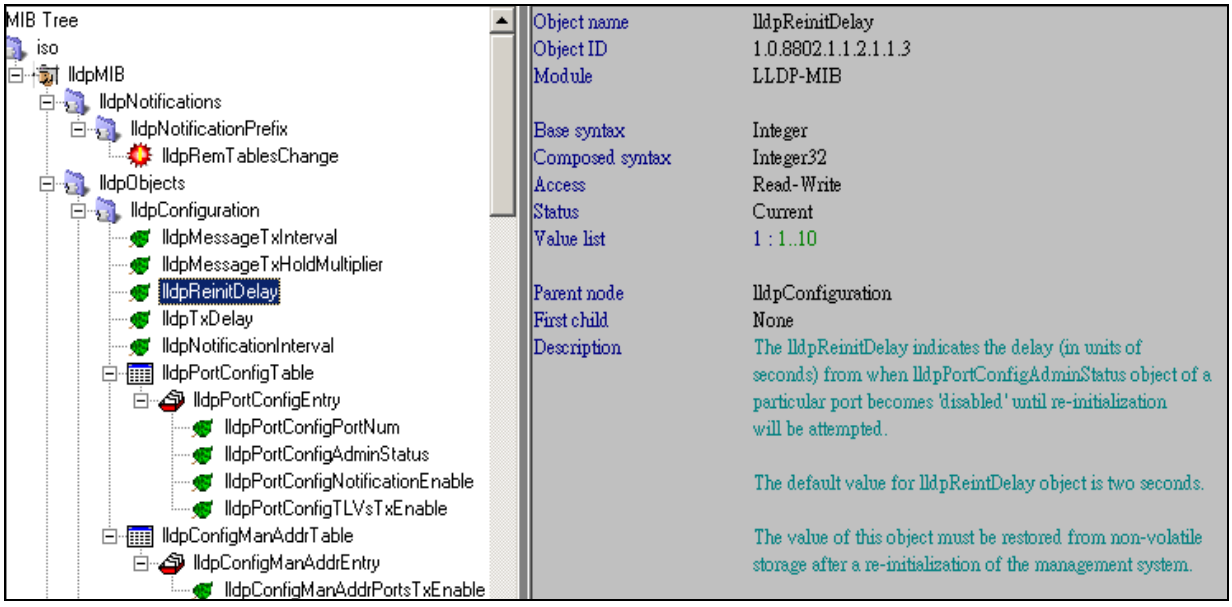
Example

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






MIB Tree
iso
lldpMIB
lldpNotifications
lldpNotificationPrefix
lldpRemTablesChange
lldpObjects
lldpConfiguration
lldpMessageTxInterval
lldpMessageTxHoldMultiplier
lldpReinitDelay
lldpTxDelay
lldpNotificationInterval
lldpPortConfigTable
lldpPortConfigEntry
lldpPortConfigPortNum
lldpPortConfigAdminStatus
lldpPortConfigNotificationEnable
lldpPortConfigTLVsTxEnable
lldpConfigManAddrTable
lldpConfigManAddrEntry
lldpConfigManAddrPortsTxEnable
lldpStatistics
lldpStatsRemTablesLastChangeTime
lldpStatsRemTablesInserts
lldpStatsRemTablesDeletes
Object name lldpMessageTxHoldMultiplier
Object ID 1.0.8802.1.1.2.1.1.2
Module LLDP-MIB
Base syntax Integer
Composed syntax Integer32
Access Read-Write
Status Current
Value list 1 : 2..10
Parent node lldpConfiguration
First child None
Description The time-to-live value expressed as a multiple of the lldpMessageTxInterval 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, (lldpMessageTxInterval * lldpMessageTxHoldMultiplier)) For example, if the value of lldpMessageTxInterval is '30', and the value of lldpMessageTxHoldMultiplier is '4', then the value '120' is encoded in the TTL field in the LLDP header.
The default value for lldpMessageTxHoldMultiplier object is 4.
The value of this object must be restored from non-volatile storage after a re-initialization of the management system.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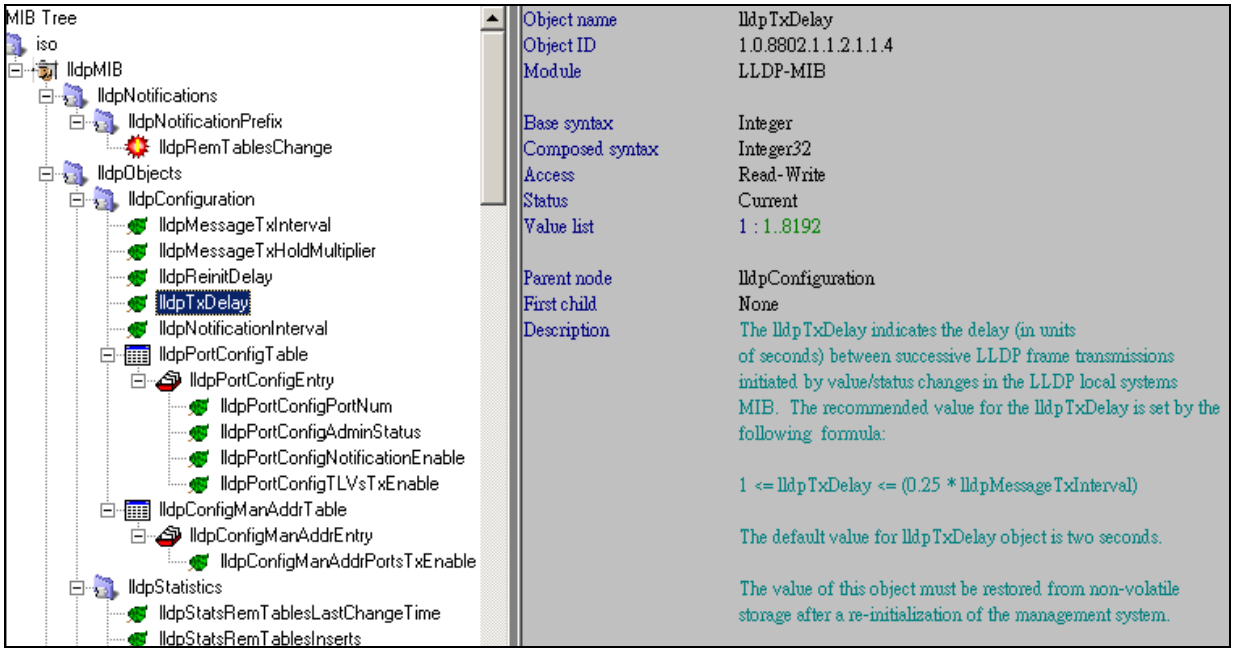
lldpPortConfigAdminStatus
lldpPortConfigNotificationEnable
lldpPortConfigTLVsTxEnable
lldpConfigManAddrTable
lldpConfigManAddrEntry
lldpConfigManAddrPortsTxEnable
Object name lldpReinitDelay
Object ID 1.0.8802.1.1.2.1.1.3
Module LLDP-MIB
Base syntax Integer
Composed syntax Integer32
Access Read-Write
Status Current
Value list 1 : 1..10
Parent node lldpConfiguration
First child None
Description The lldpReinitDelay indicates the delay (in units of seconds) from when lldpPortConfigAdminStatus object of a particular port becomes 'disabled' until re-initialization will be attempted.
The default value for lldpReintDelay object is two seconds.
The value of this object must be restored from non-volatile storage after a re-initialization of the management system.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lldpObjects
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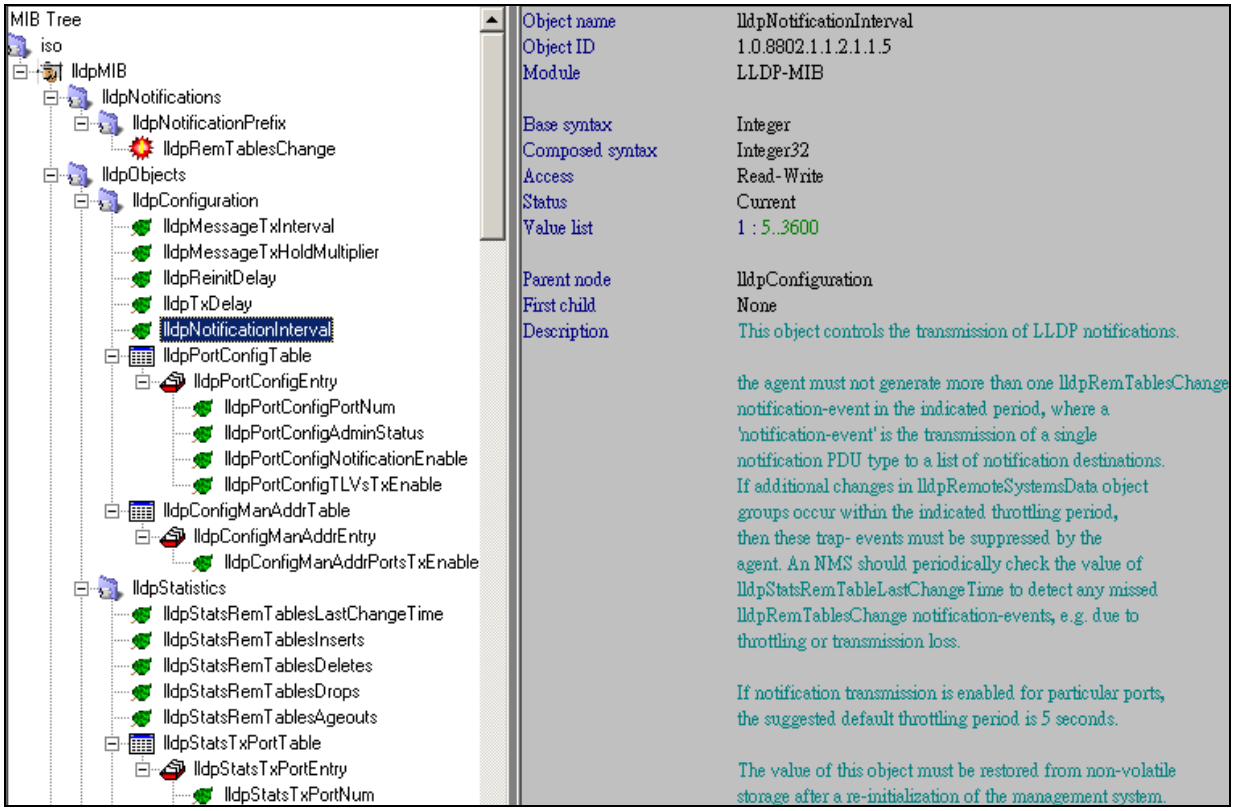
lldpMessageTxHoldMultiplier
lldpReinitDelay
lldpTxDelay
lldpNotificationInterval
lldpPortConfigTable
lldpPortConfigEntry
lldpPortConfigPortNum
lldpPortConfigAdminStatus
lldpPortConfigNotificationEnable
lldpPortConfigTLVsTxEnable
lldpConfigManAddrTable
lldpConfigManAddrEntry
lldpConfigManAddrPortsTxEnable
lldpStatistics
lldpStatsRemTablesLastChangeTime
lldpStatsRemTablesInserts
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 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:
1 <= lldpTxDelay <= (0.25 * lldpMessageTxInterval)
The default value for lldpTxDelay object is two seconds.
The value of this object must be restored from non-volatile storage after a re-initialization of the management system.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lldpPortConfigNotificationEnable
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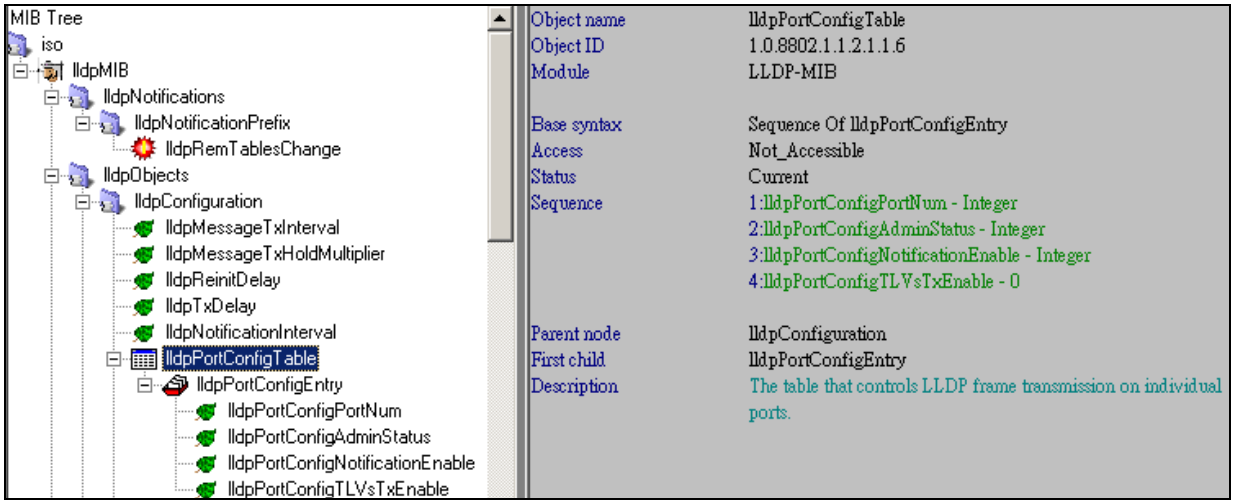
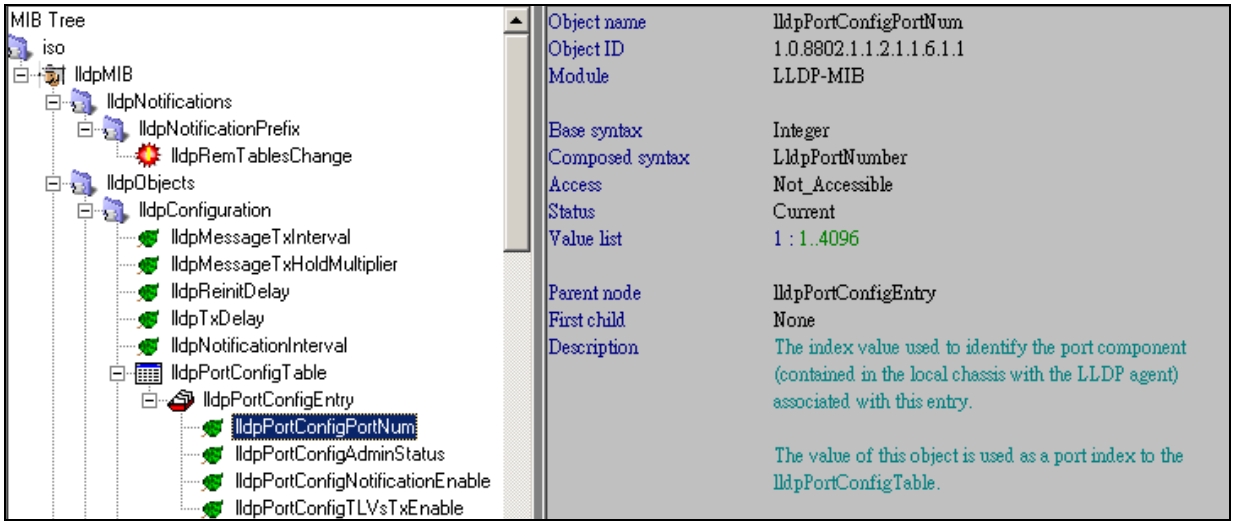
lldpConfigManAddrTable
lldpConfigManAddrEntry
lldpConfigManAddrPortsTxEnable
lldpStatistics
lldpStatsRemTablesLastChangeTime
lldpStatsRemTablesInserts
lldpStatsRemTablesDeletes
lldpStatsRemTablesDrops
lldpStatsRemTablesAgeouts
lldpStatsTxPortTable
lldpStatsTxPortEntry
lldpStatsTxPortNum
Object name lldpNotificationInterval
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 This object controls the transmission of LLDP notifications.
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.
If notification transmission is enabled for particular ports, the suggested default throttling period is 5 seconds.
The value of this object must be restored from non-volatile storage after a re-initialization of the management system.

View LLDP Port Control Table

snmpwalk -v2c -c private 10.90.90.90 1.0.8802.1.1.2.1.1.6





View LLDP Port Control Admin Status

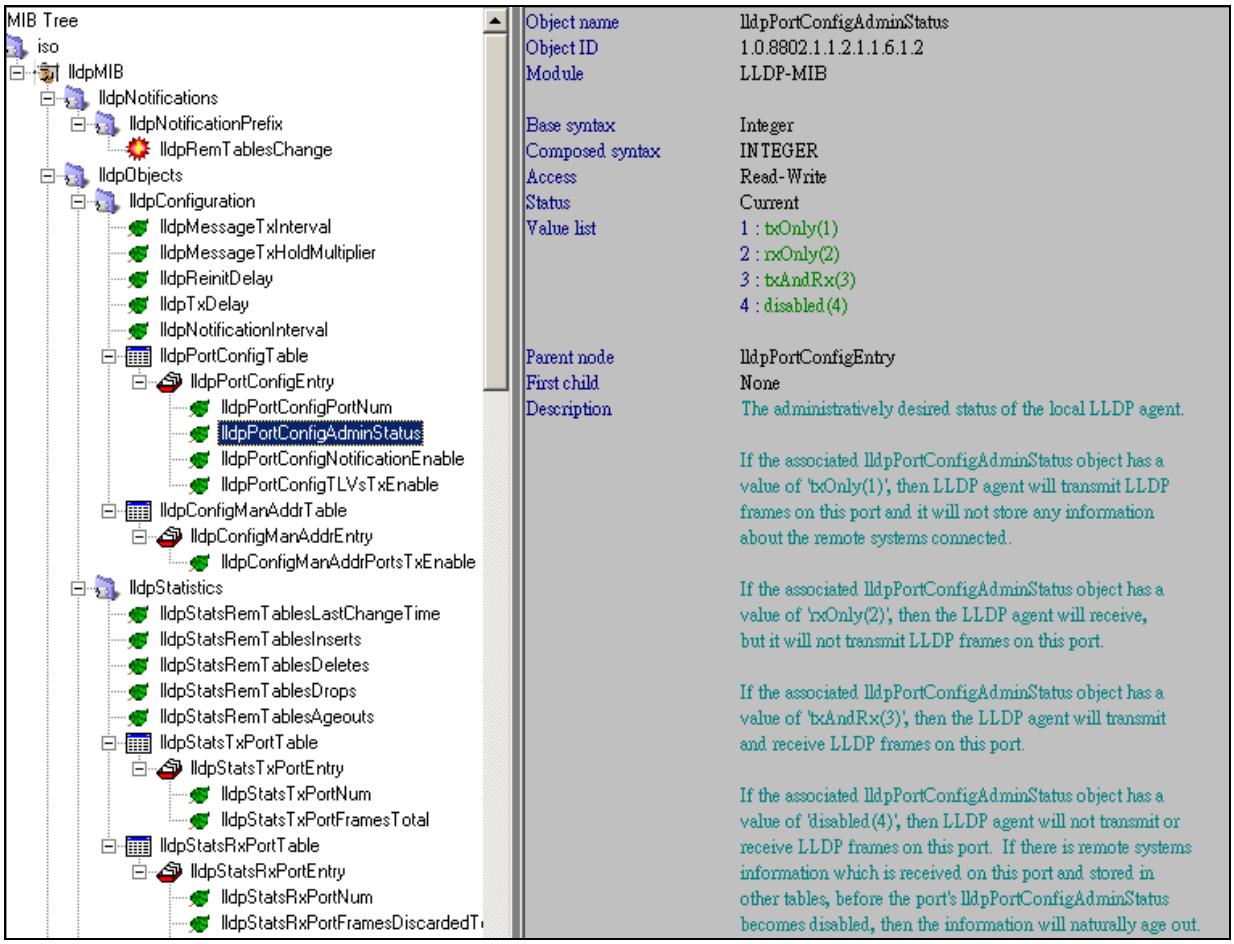
snmpwalk -v2c -c private 10.90.90.90 1.0.8802.1.1.2.1.1.6.1.2

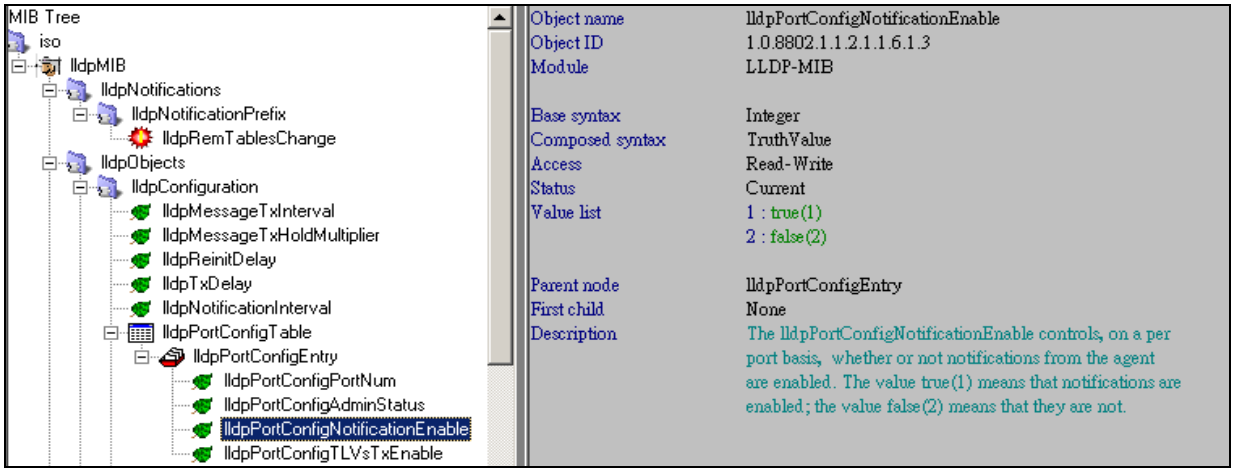
Set LLDP Port Control Admin Status

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




MIB Tree
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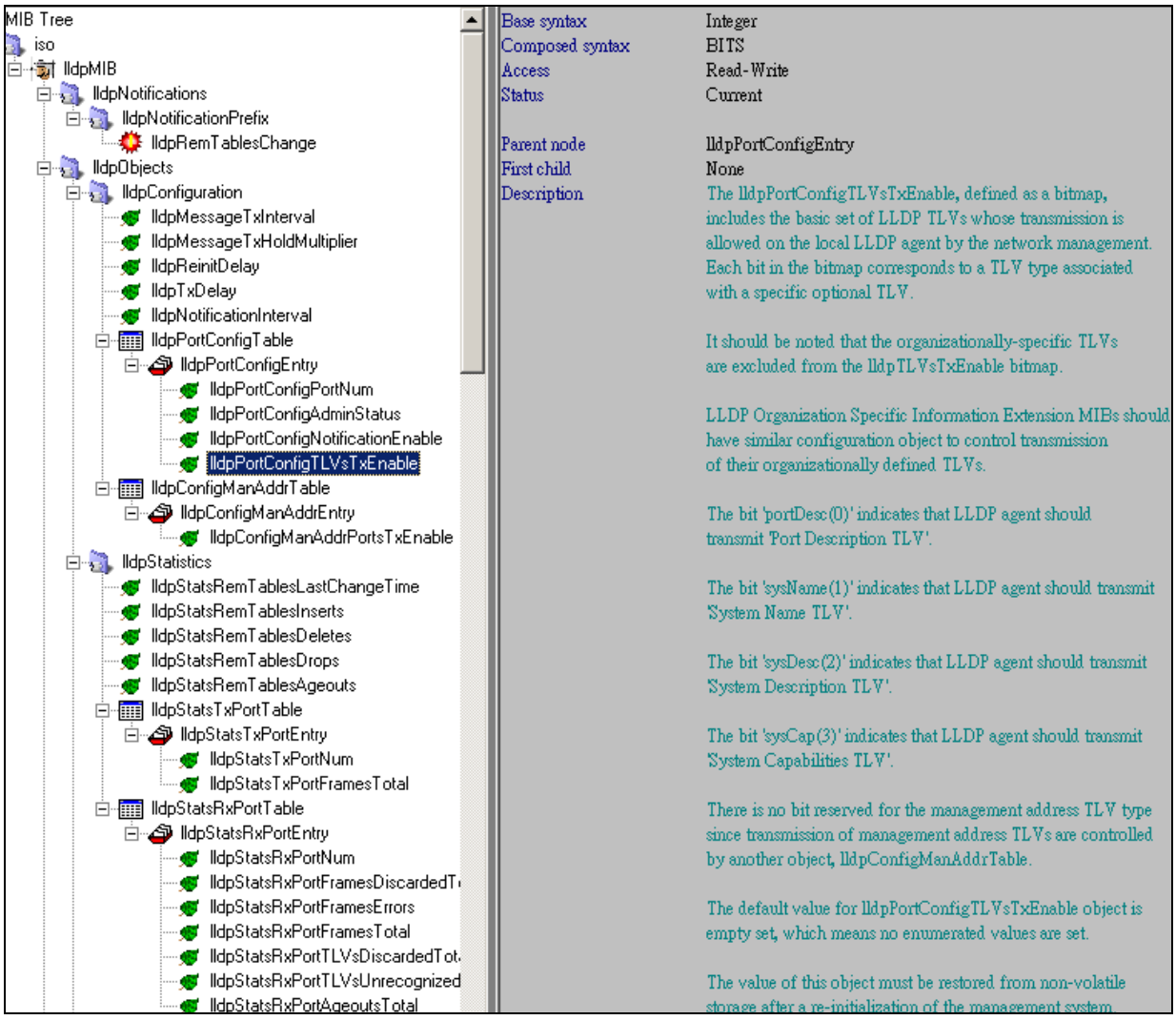
lldpObjects
lldpConfiguration
lldpMessageTxInterval
lldpMessageTxHoldMultiplier
lldpReinitDelay
lldpTxDelay
lldpNotificationInterval
lldpPortConfigTable
lldpPortConfigEntry
lldpPortConfigPortNum
lldpPortConfigAdminStatus
lldpPortConfigNotificationEnable
lldpPortConfigTLVsTxEnable
Object name lldpPortConfigNotificationEnable
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 lldpPortConfigEntry
First child None
Description The lldpPortConfigNotificationEnable 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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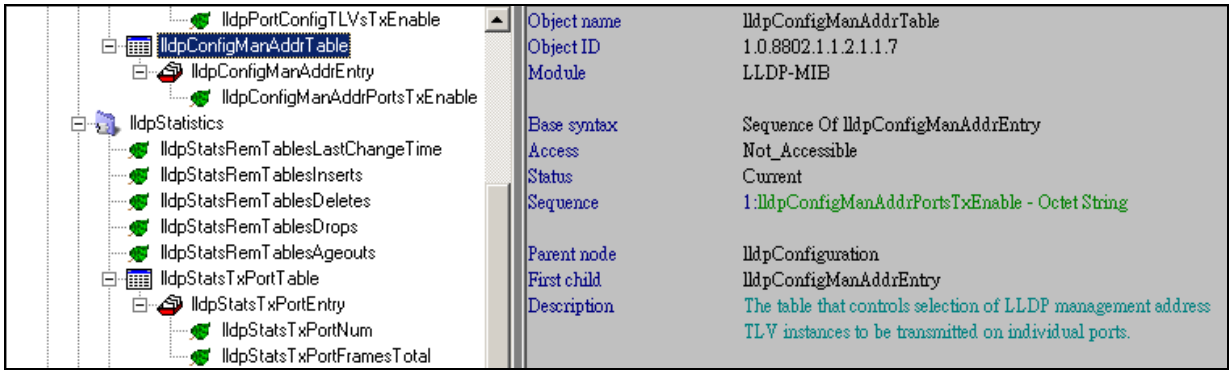
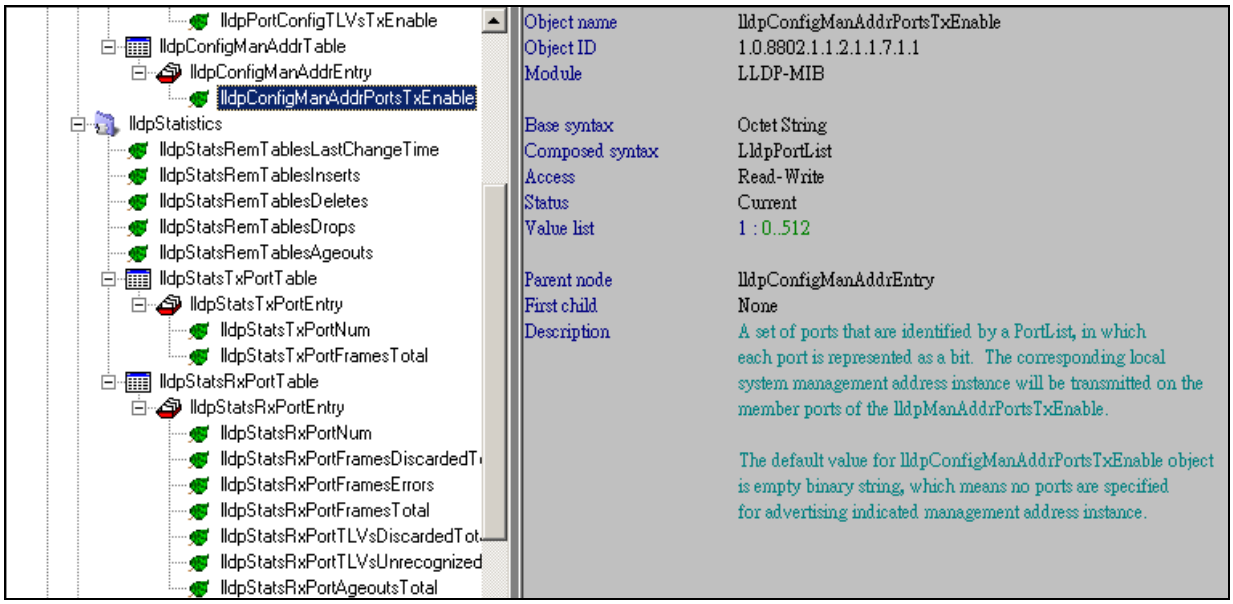
lldpPortConfigAdminStatus
lldpPortConfigNotificationEnable
lldpPortConfigTLVsTxEnable
lldpConfigManAddrTable
lldpConfigManAddrEntry
lldpConfigManAddrPortsTxEnable
lldpStatistics
lldpStatsRemTablesLastChangeTime
lldpStatsRemTablesInserts
lldpStatsRemTablesDeletes
lldpStatsRemTablesDrops
lldpStatsRemTablesAgeouts
lldpStatsTxPortTable
lldpStatsTxPortEntry
lldpStatsTxPortNum
lldpStatsTxPortFramesTotal
lldpStatsRxPortTable
lldpStatsRxPortEntry
lldpStatsRxPortNum
lldpStatsRxPortFramesDiscardedT
lldpStatsRxPortFramesErrors
lldpStatsRxPortFramesTotal
lldpStatsRxPortTLVsDiscardedTot
lldpStatsRxPortTLVsUnrecognized
lldpStatsRxPortAgeoutsTotal
Base syntax Integer
Composed syntax BITS
Access Read-Write
Status Current
Parent node lldpPortConfigEntry
First child None
Description The lldpPortConfigTLVsTxEnable, 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 lldpTLVsTxEnable 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, lldpConfigManAddrTable.
The default value for lldpPortConfigTLVsTxEnable 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.


lldpPortConfigTLVsTxEnable
lldpConfigManAddrTable
lldpConfigManAddrEntry
lldpConfigManAddrPortsTxEnable
lldpStatistics
lldpStatsRemTablesLastChangeTime
lldpStatsRemTablesInserts
lldpStatsRemTablesDeletes
lldpStatsRemTablesDrops
lldpStatsRemTablesAgeouts
lldpStatsTxPortTable
lldpStatsTxPortEntry
lldpStatsTxPortNum
lldpStatsTxPortFramesTotal
Object name lldpConfigManAddrTable
Object ID 1.0.8802.1.1.2.1.1.7
Module LLDP-MIB
Base syntax Sequence Of lldpConfigManAddrEntry
Access Not_Accessible
Status Current
Sequence 1:lldpConfigManAddrPortsTxEnable - Octet String
Parent node lldpConfiguration
First child lldpConfigManAddrEntry
Description The table that controls selection of LLDP management address TLV instances to be transmitted on individual ports.


lldpPortConfigTLVsTxEnable
lldpConfigManAddrTable
lldpConfigManAddrEntry
lldpConfigManAddrPortsTxEnable
lldpStatistics
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lldpStatsRemTablesInserts
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lldpStatsRemTablesAgeouts
lldpStatsTxPortTable
lldpStatsTxPortEntry
lldpStatsTxPortNum
lldpStatsTxPortFramesTotal
lldpStatsRxPortTable
lldpStatsRxPortEntry
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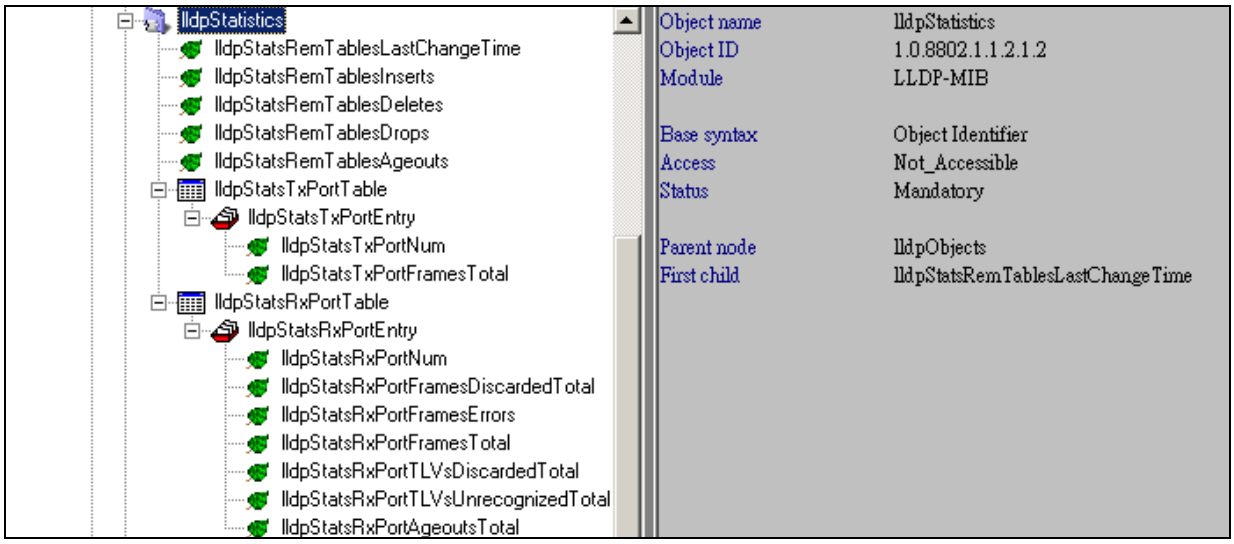
lldpStatsRxPortFramesDiscardedT
lldpStatsRxPortFramesErrors
lldpStatsRxPortFramesTotal
lldpStatsRxPortTLVsDiscardedTot
lldpStatsRxPortTLVsUnrecognized
lldpStatsRxPortAgeoutsTotal
Object name lldpConfigManAddrPortsTxEnable
Object ID 1.0.8802.1.1.2.1.1.7.1.1
Module LLDP-MIB
Base syntax Octet String
Composed syntax LldpPortList
Access Read-Write
Status Current
Value list 1 : 0..512
Parent node lldpConfigManAddrEntry
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 lldpManAddrPortsTxEnable.
The default value for lldpConfigManAddrPortsTxEnable object is empty binary string, which means no ports are specified for advertising indicated management address instance.


lldpStatistics
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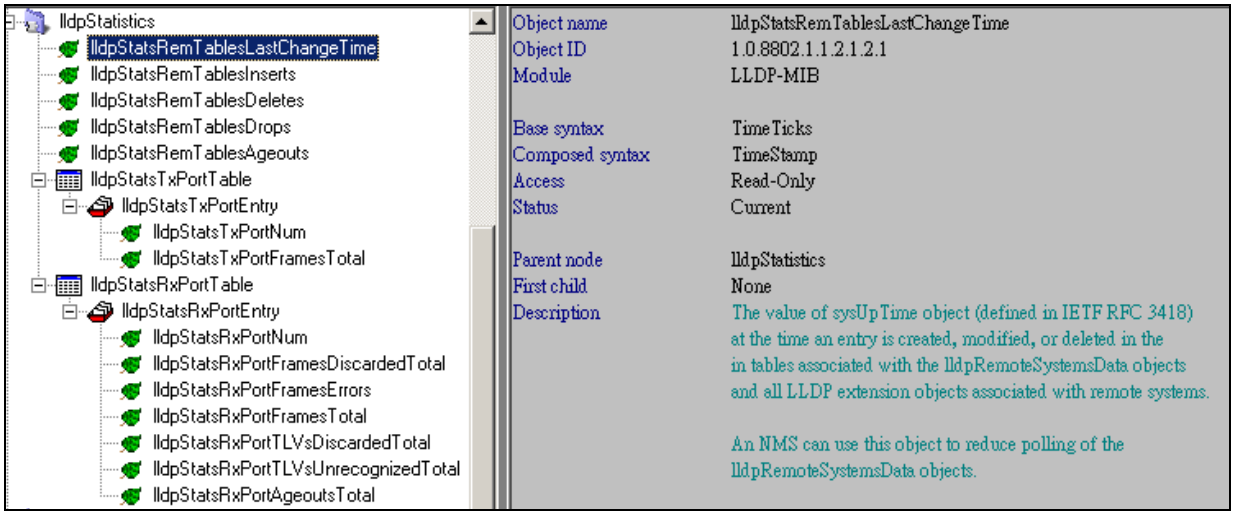
lldpStatsRxPortFramesErrors
lldpStatsRxPortFramesTotal
lldpStatsRxPortTLVsDiscardedTotal
lldpStatsRxPortTLVsUnrecognizedTotal
lldpStatsRxPortAgeoutsTotal
Object name lldpStatistics
Object ID 1.0.8802.1.1.2.1.2
Module LLDP-MIB
Base syntax Object Identifier
Access Not_Accessible
Status Mandatory
Parent node lldpObjects
First child lldpStatsRemTablesLastChangeTime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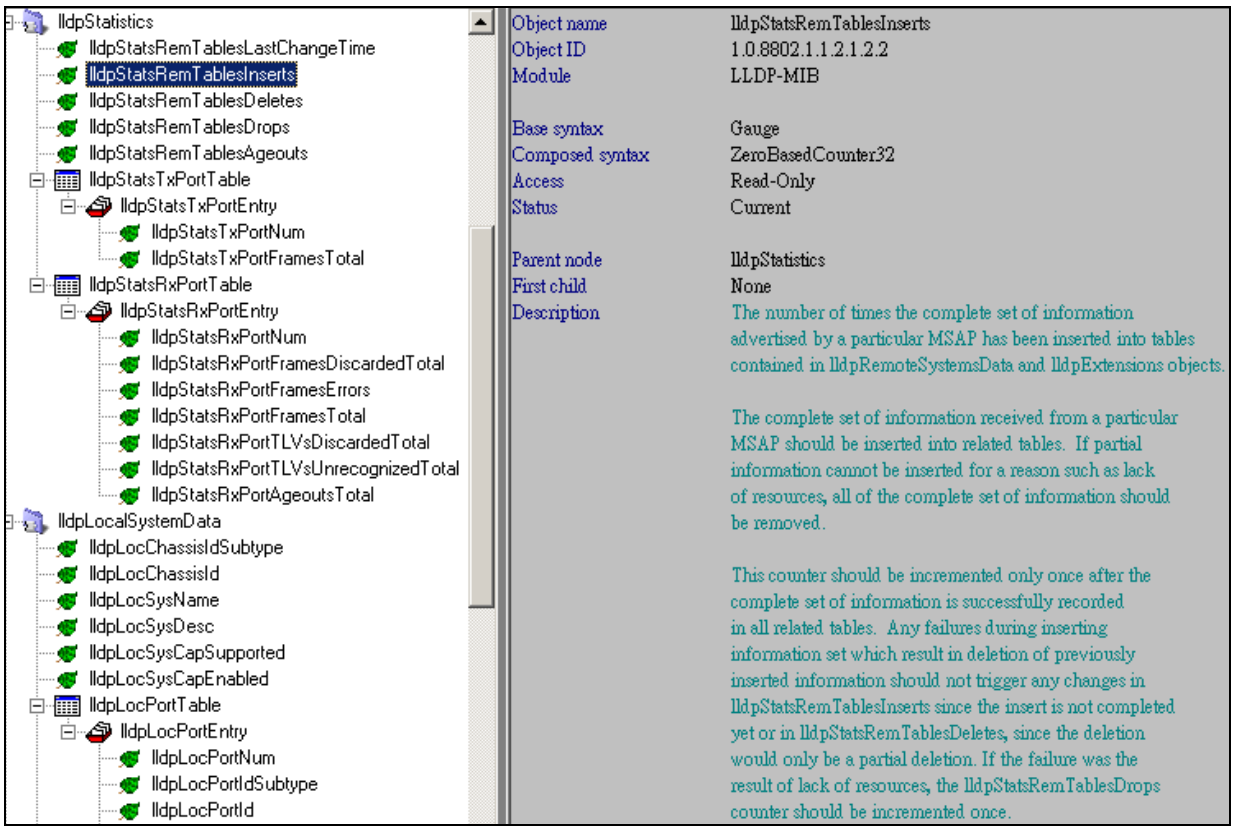
lldpStatsRxPortTLVsUnrecognizedTotal
lldpStatsRxPortAgeoutsTotal
Object name lldpStatsRemTablesLastChangeTime
Object ID 1.0.8802.1.1.2.1.2.1
Module LLDP-MIB
Base syntax TimeTicks
Composed syntax TimeStamp
Access Read-Only
Status Current
Parent node lldpStatistics
First child None
Description The value of sysUpTime object (defined in IETF RFC 3418) at the time an entry is created, modified, or deleted in the in 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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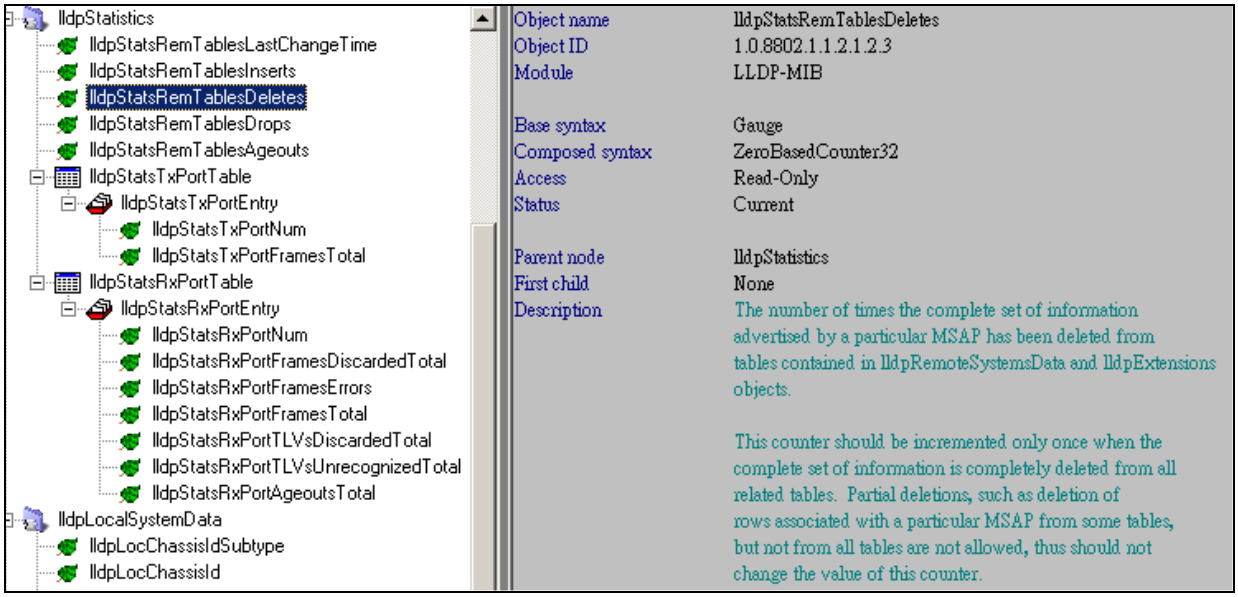
lldpStatsRxPortFramesErrors
lldpStatsRxPortFramesTotal
lldpStatsRxPortTLVsDiscardedTotal
lldpStatsRxPortTLVsUnrecognizedTotal
lldpStatsRxPortAgeoutsTotal
lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
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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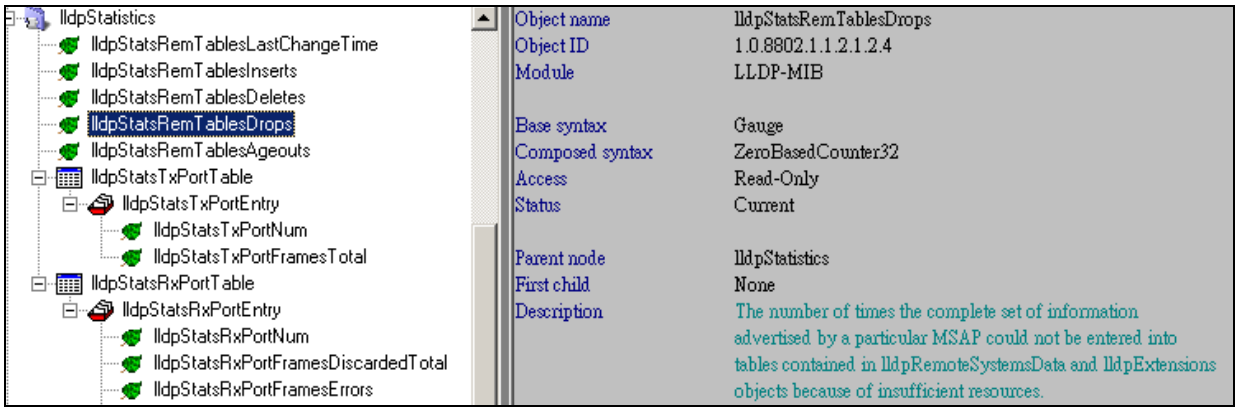
lldpStatsRxPortTable
lldpStatsRxPortEntry
lldpStatsRxPortNum
lldpStatsRxPortFramesDiscardedTotal
lldpStatsRxPortFramesErrors
lldpStatsRxPortFramesTotal
lldpStatsRxPortTLVsDiscardedTotal
lldpStatsRxPortTLVsUnrecognizedTotal
lldpStatsRxPortAgeoutsTotal
lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
Object name lldpStatsRemTablesDeletes
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 lldpStatistics
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 lldpRemoteSystemsData and lldpExtensions 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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lldpStatsTxPortNum
lldpStatsTxPortFramesTotal
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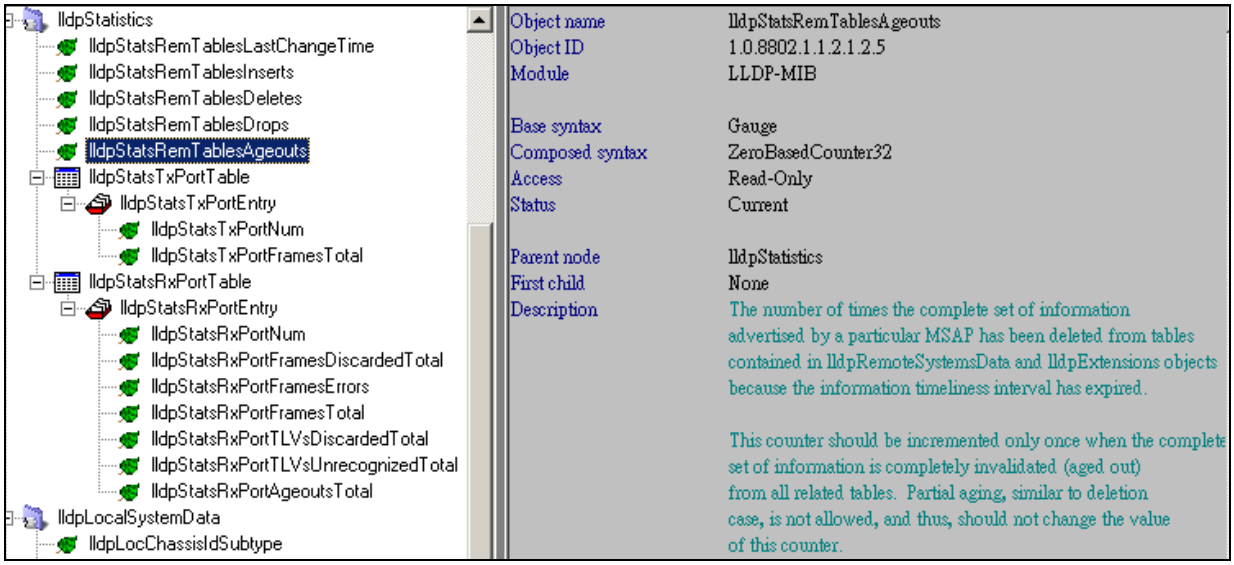
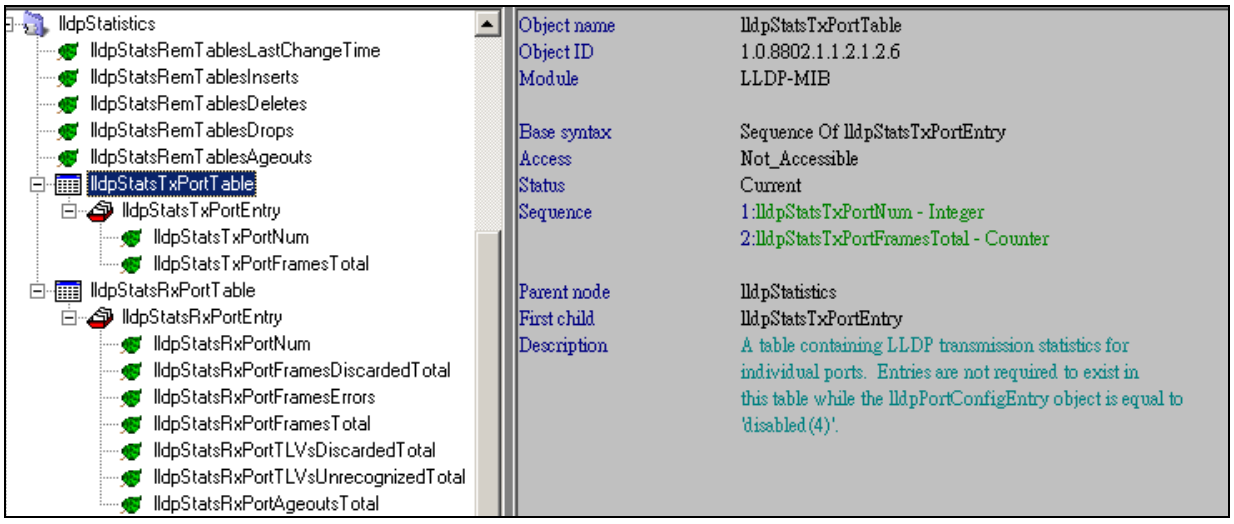
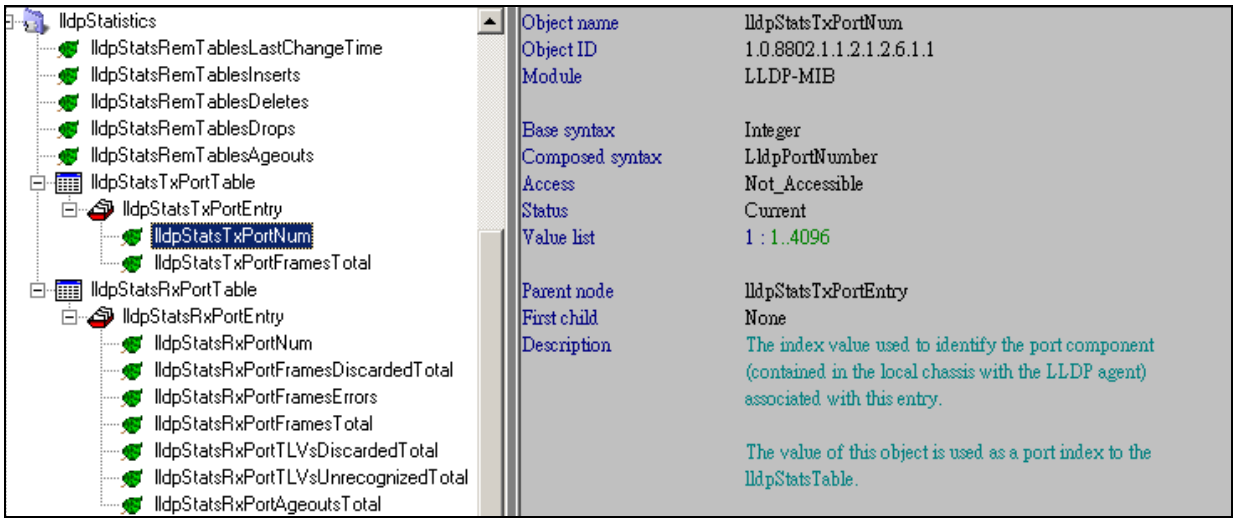
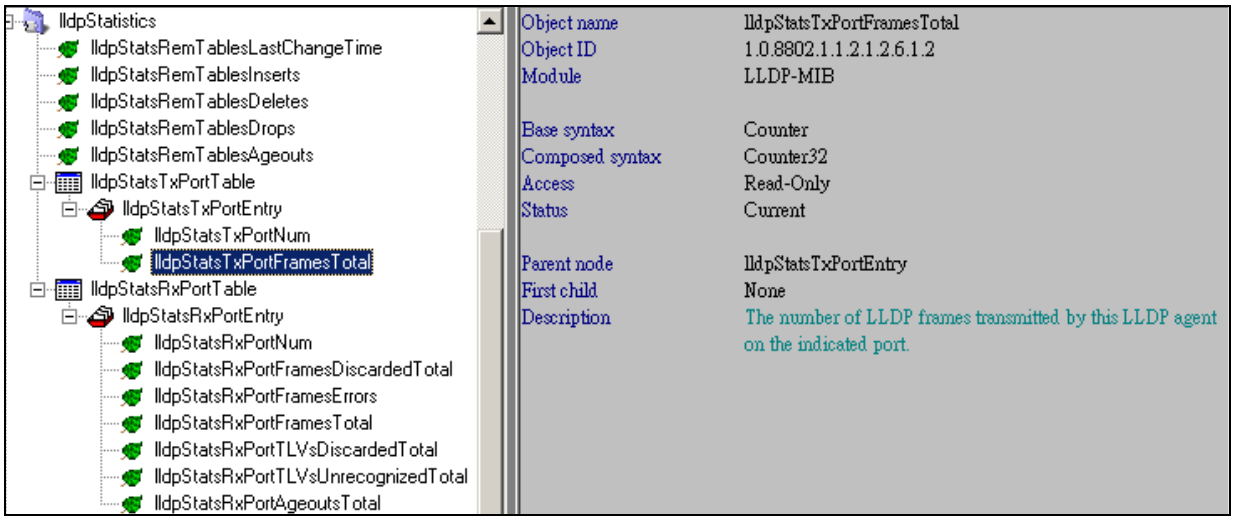
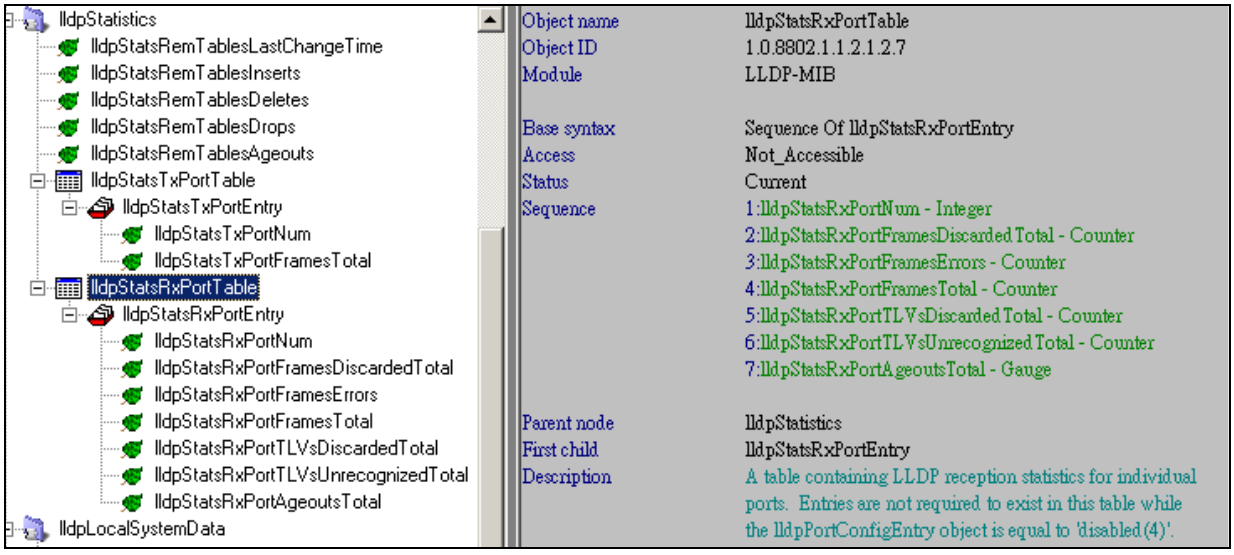
lldpStatsRxPortEntry
lldpStatsRxPortNum
lldpStatsRxPortFramesDiscardedTotal
lldpStatsRxPortFramesErrors
Object name lldpStatsRemTablesDrops
Object ID 1.0.8802.1.1.2.1.2.4
Module LLDP-MIB
Base syntax Gauge
Composed syntax ZeroBasedCounter32
Access Read-Only
Status Current
Parent node lldpStatistics
First 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 lldpRemoteSystemsData and lldpExtensions objects because of insufficient resources.

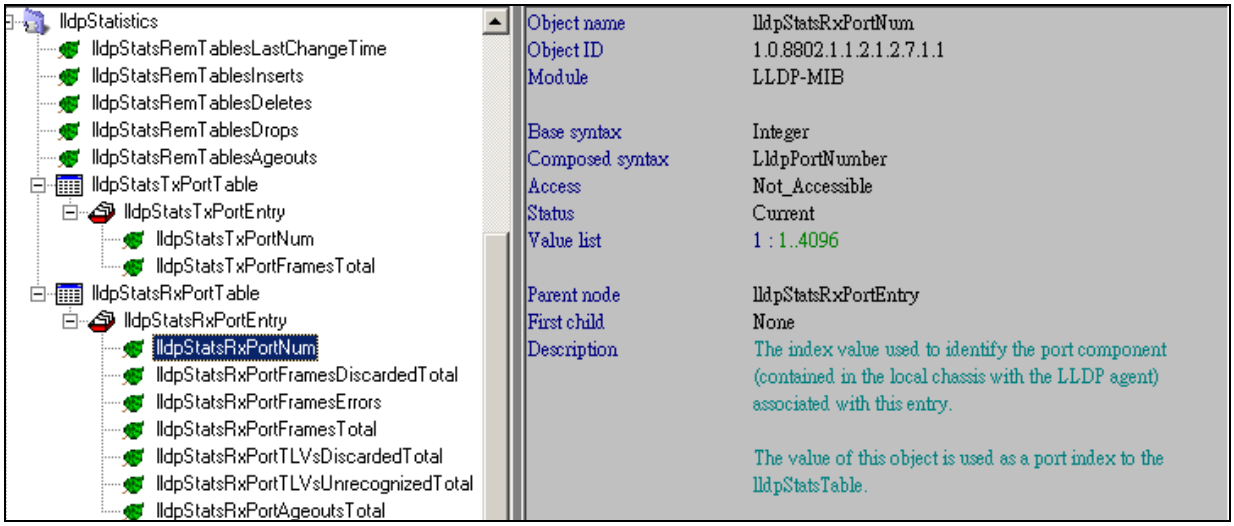

lldpStatistics
lldpStatsRemTablesLastChangeTime
lldpStatsRemTablesInserts
lldpStatsRemTablesDeletes
lldpStatsRemTablesDrops
lldpStatsRemTablesAgeouts
lldpStatsTxPortTable
lldpStatsTxPortEntry
lldpStatsTxPortNum
lldpStatsTxPortFramesTotal
lldpStatsRxPortTable
lldpStatsRxPortEntry
lldpStatsRxPortNum
lldpStatsRxPortFramesDiscardedTotal
lldpStatsRxPortFramesErrors
lldpStatsRxPortFramesTotal
lldpStatsRxPortTLVsDiscardedTotal
lldpStatsRxPortTLVsUnrecognizedTotal
lldpStatsRxPortAgeoutsTotal
lldpLocalSystemData
lldpLocChassisIdSubtype
Object name lldpStatsRemTablesAgeouts
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 lldpStatistics
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 lldpRemoteSystemsData and lldpExtensions 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.

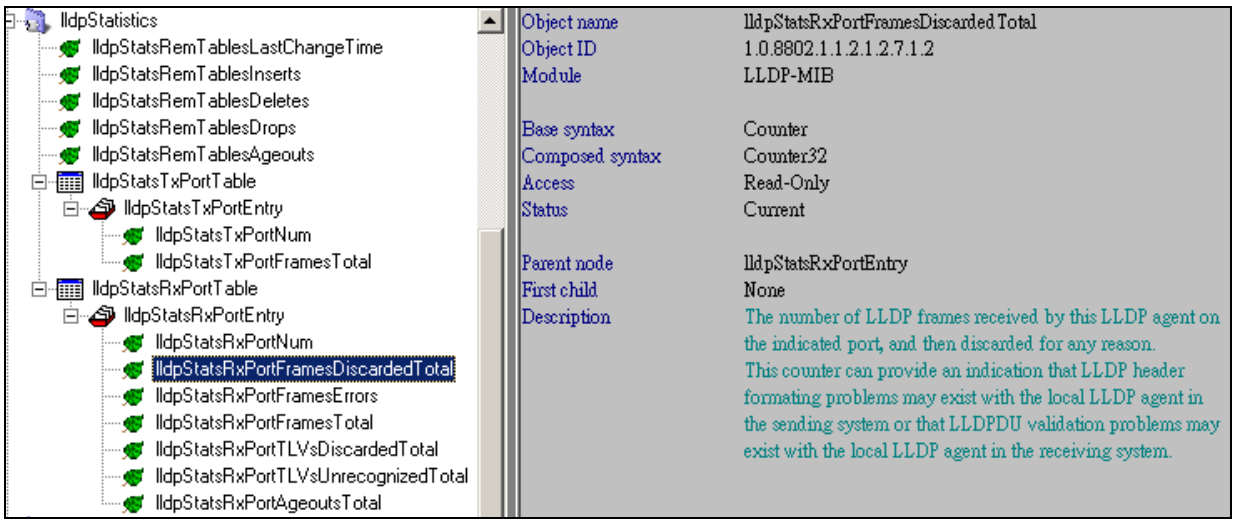

lldpStatistics
lldpStatsRemTablesLastChangeTime
lldpStatsRemTablesInserts
lldpStatsRemTablesDeletes
lldpStatsRemTablesDrops
lldpStatsRemTablesAgeouts
lldpStatsTxPortTable
lldpStatsTxPortEntry
lldpStatsTxPortNum
lldpStatsTxPortFramesTotal
lldpStatsRxPortTable
lldpStatsRxPortEntry
lldpStatsRxPortNum
lldpStatsRxPortFramesDiscardedTotal
lldpStatsRxPortFramesErrors
lldpStatsRxPortFramesTotal
lldpStatsRxPortTLVsDiscardedTotal
lldpStatsRxPortTLVsUnrecognizedTotal
lldpStatsRxPortAgeoutsTotal
Object name lldpStatsTxPortTable
Object ID 1.0.8802.1.1.2.1.2.6
Module LLDP-MIB
Base syntax Sequence Of lldpStatsTxPortEntry
Access Not_Accessible
Status Current
Sequence 1:lldpStatsTxPortNum - Integer
2:lldpStatsTxPortFramesTotal - Counter
Parent node lldpStatistics
First child lldpStatsTxPortEntry
Description A table containing LLDP transmission statistics for individual ports. Entries are not required to exist in this table while the lldpPortConfigEntry object is equal to 'disabled(4)'.

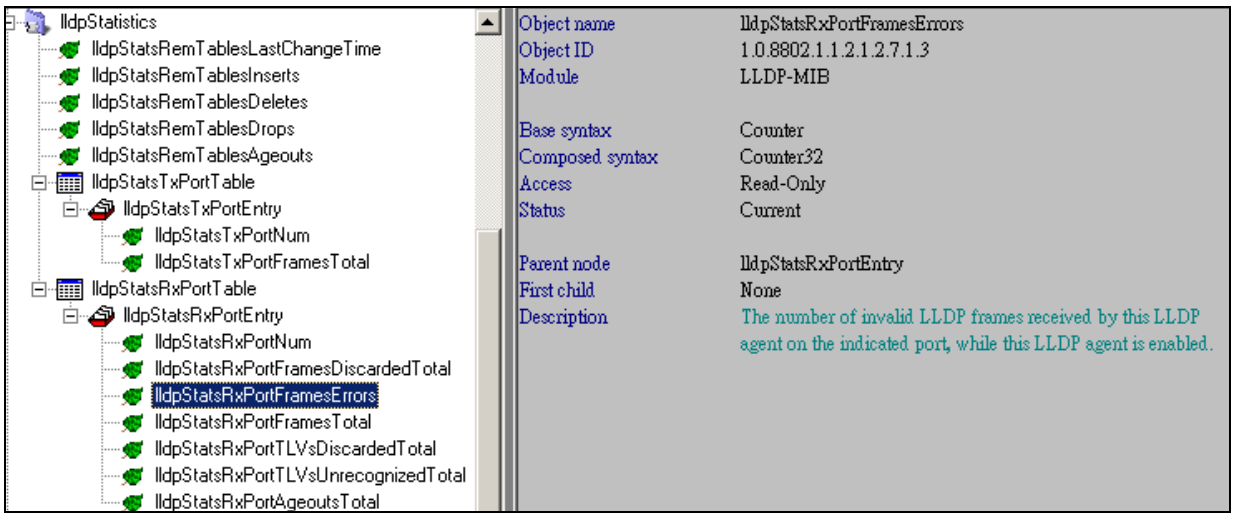

lldpStatistics
lldpStatsRemTablesLastChangeTime
lldpStatsRemTablesInserts
lldpStatsRemTablesDeletes
lldpStatsRemTablesDrops
lldpStatsRemTablesAgeouts
lldpStatsTxPortTable
lldpStatsTxPortEntry
lldpStatsTxPortNum
lldpStatsTxPortFramesTotal
lldpStatsRxPortTable
lldpStatsRxPortEntry
lldpStatsRxPortNum
lldpStatsRxPortFramesDiscardedTotal
lldpStatsRxPortFramesErrors
lldpStatsRxPortFramesTotal
lldpStatsRxPortTLVsDiscardedTotal
lldpStatsRxPortTLVsUnrecognizedTotal
lldpStatsRxPortAgeoutsTotal
Object name lldpStatsTxPortNum
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 lldpStatsTxPortEntry
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 lldpStatsTable.

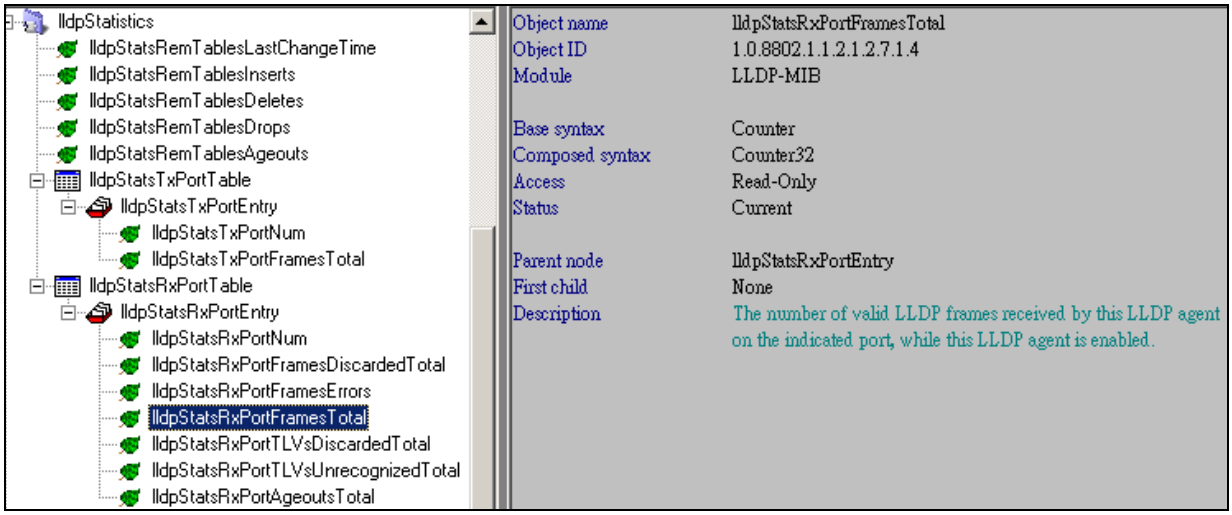

lldpStatistics
lldpStatsRemTablesLastChangeTime
lldpStatsRemTablesInserts
lldpStatsRemTablesDeletes
lldpStatsRemTablesDrops
lldpStatsRemTablesAgeouts
lldpStatsTxPortTable
lldpStatsTxPortEntry
lldpStatsTxPortNum
lldpStatsTxPortFramesTotal
lldpStatsRxPortTable
lldpStatsRxPortEntry
lldpStatsRxPortNum
lldpStatsRxPortFramesDiscardedTotal
lldpStatsRxPortFramesErrors
lldpStatsRxPortFramesTotal
lldpStatsRxPortTLVsDiscardedTotal
lldpStatsRxPortTLVsUnrecognizedTotal
lldpStatsRxPortAgeoutsTotal
Object name lldpStatsTxPortFramesTotal
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 lldpStatsTxPortEntry
First child None
Description The number of LLDP frames transmitted by this LLDP agent on the indicated port.

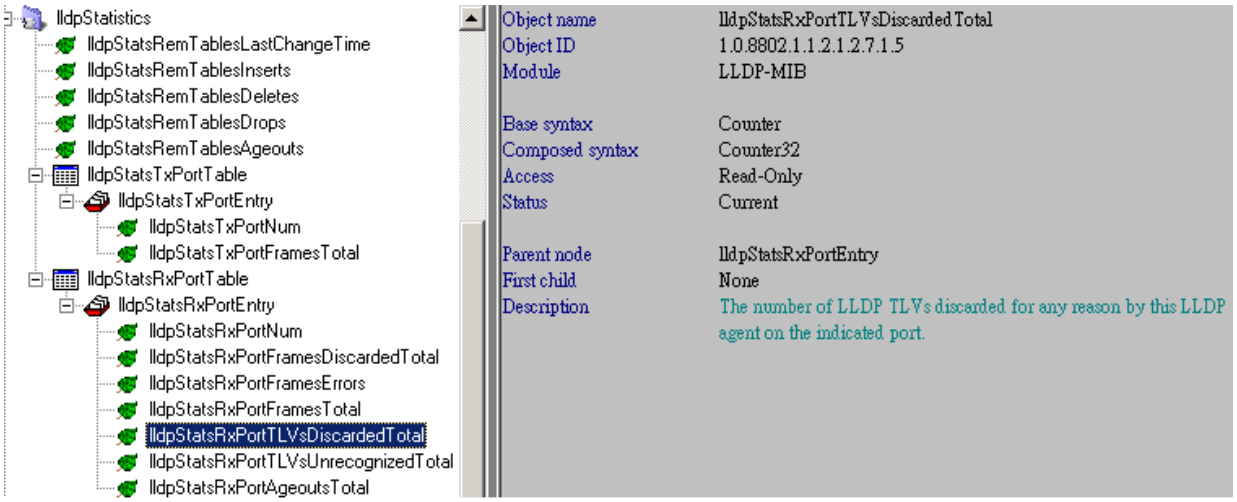

lldpStatistics
lldpStatsRemTablesLastChangeTime
lldpStatsRemTablesInserts
lldpStatsRemTablesDeletes
lldpStatsRemTablesDrops
lldpStatsRemTablesAgeouts
lldpStatsTxPortTable
lldpStatsTxPortEntry
lldpStatsTxPortNum
lldpStatsTxPortFramesTotal
lldpStatsRxPortTable
lldpStatsRxPortEntry
lldpStatsRxPortNum
lldpStatsRxPortFramesDiscardedTotal
lldpStatsRxPortFramesErrors
lldpStatsRxPortFramesTotal
lldpStatsRxPortTLVsDiscardedTotal
lldpStatsRxPortTLVsUnrecognizedTotal
lldpStatsRxPortAgeoutsTotal
lldpLocalSystemData
Object name lldpStatsRxPortTable
Object ID 1.0.8802.1.1.2.1.2.7
Module LLDP-MIB
Base syntax Sequence Of lldpStatsRxPortEntry
Access Not_Accessible
Status Current
Sequence 1:lldpStatsRxPortNum - Integer
2:lldpStatsRxPortFramesDiscardedTotal - Counter
3:lldpStatsRxPortFramesErrors - Counter
4:lldpStatsRxPortFramesTotal - Counter
5:lldpStatsRxPortTLVsDiscardedTotal - Counter
6:lldpStatsRxPortTLVsUnrecognizedTotal - Counter
7:lldpStatsRxPortAgeoutsTotal - Gauge
Parent node lldpStatistics
First child lldpStatsRxPortEntry
Description A table containing LLDP reception statistics for individual ports. Entries are not required to exist in this table while the lldpPortConfigEntry object is equal to 'disabled(4)'.

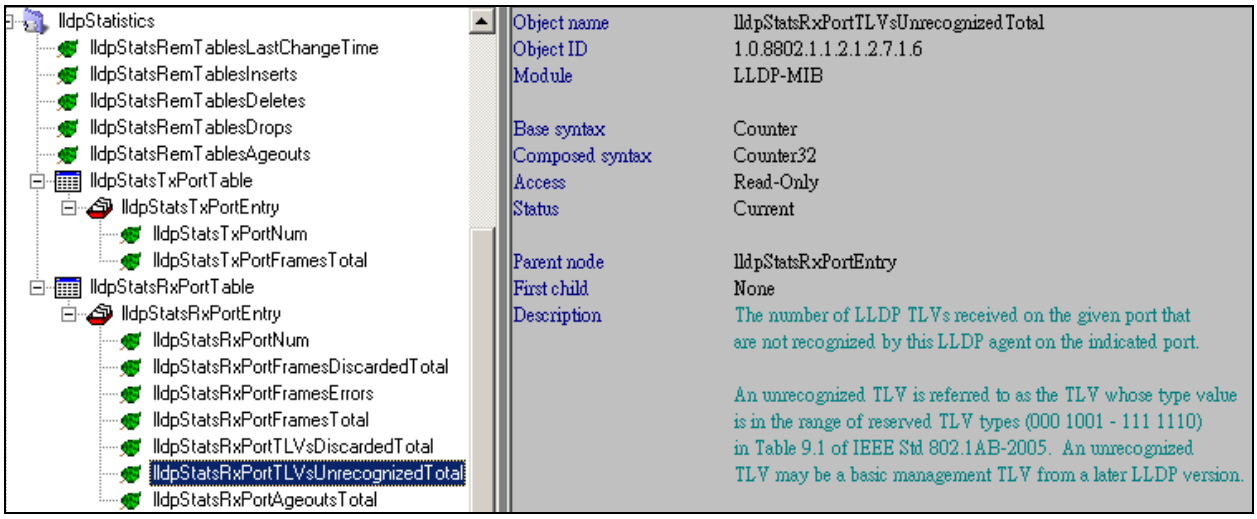

lldpStatistics
lldpStatsRemTablesLastChangeTime
lldpStatsRemTablesInserts
lldpStatsRemTablesDeletes
lldpStatsRemTablesDrops
lldpStatsRemTablesAgeouts
lldpStatsTxPortTable
lldpStatsTxPortEntry
lldpStatsTxPortNum
lldpStatsTxPortFramesTotal
lldpStatsRxPortTable
lldpStatsRxPortEntry
lldpStatsRxPortNum
lldpStatsRxPortFramesDiscardedTotal
lldpStatsRxPortFramesErrors
lldpStatsRxPortFramesTotal
lldpStatsRxPortTLVsDiscardedTotal
lldpStatsRxPortTLVsUnrecognizedTotal
lldpStatsRxPortAgeoutsTotal
Object name lldpStatsRxPortNum
Object ID 1.0.8802.1.1.2.1.2.7.1.1
Module LLDP-MIB
Base syntax Integer
Composed syntax LldpPortNumber
Access Not_Accessible
Status Current
Value list 1 : 1..4096
Parent node lldpStatsRxPortEntry
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 lldpStatsTable.

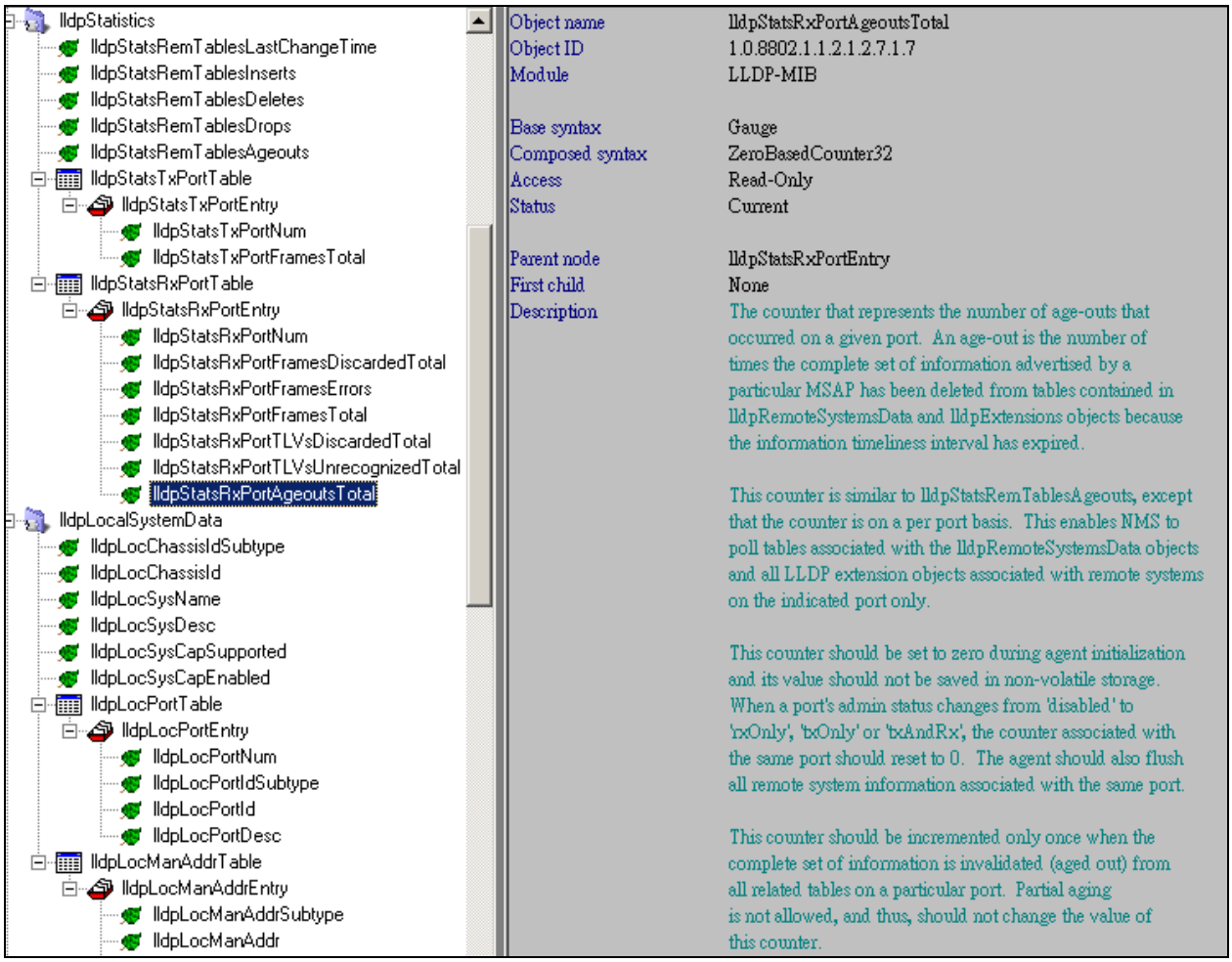

lldpStatistics
lldpStatsRemTablesLastChangeTime
lldpStatsRemTablesInserts
lldpStatsRemTablesDeletes
lldpStatsRemTablesDrops
lldpStatsRemTablesAgeouts
lldpStatsTxPortTable
lldpStatsTxPortEntry
lldpStatsTxPortNum
lldpStatsTxPortFramesTotal
lldpStatsRxPortTable
lldpStatsRxPortEntry
lldpStatsRxPortNum
lldpStatsRxPortFramesDiscardedTotal
lldpStatsRxPortFramesErrors
lldpStatsRxPortFramesTotal
lldpStatsRxPortTLVsDiscardedTotal
lldpStatsRxPortTLVsUnrecognizedTotal
lldpStatsRxPortAgeoutsTotal
Object name lldpStatsRxPortFramesDiscardedTotal
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 lldpStatsRxPortEntry
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 formating 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.

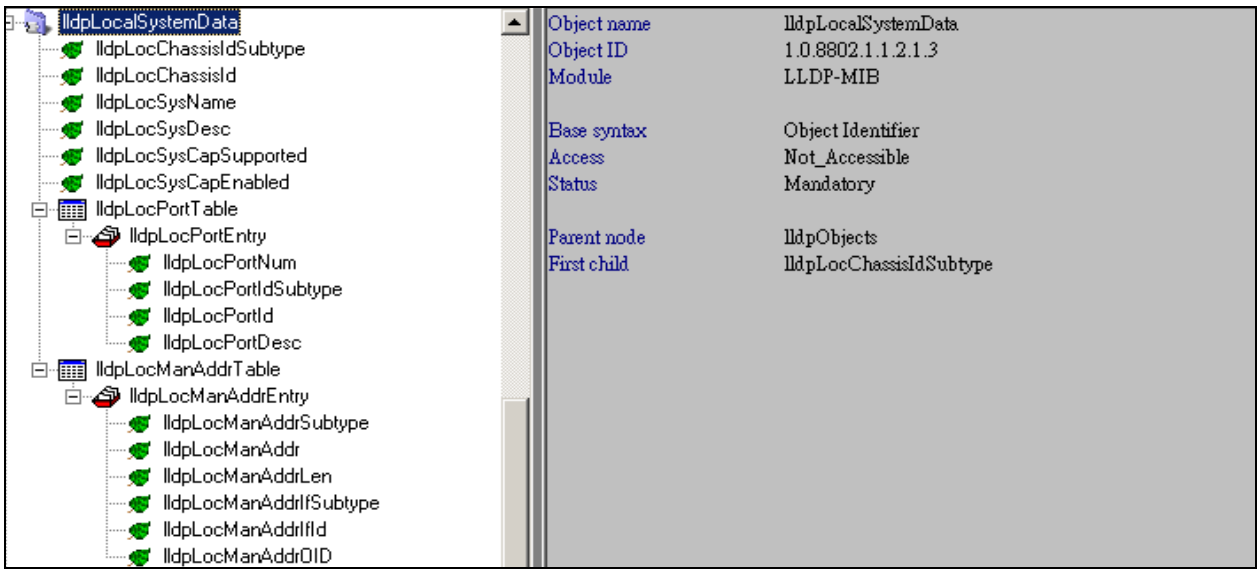

lldpStatistics
lldpStatsRemTablesLastChangeTime
lldpStatsRemTablesInserts
lldpStatsRemTablesDeletes
lldpStatsRemTablesDrops
lldpStatsRemTablesAgeouts
lldpStatsTxPortTable
lldpStatsTxPortEntry
lldpStatsTxPortNum
lldpStatsTxPortFramesTotal
lldpStatsRxPortTable
lldpStatsRxPortEntry
lldpStatsRxPortNum
lldpStatsRxPortFramesDiscardedTotal
lldpStatsRxPortFramesErrors
lldpStatsRxPortFramesTotal
lldpStatsRxPortTLVsDiscardedTotal
lldpStatsRxPortTLVsUnrecognizedTotal
lldpStatsRxPortAgeoutsTotal
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.

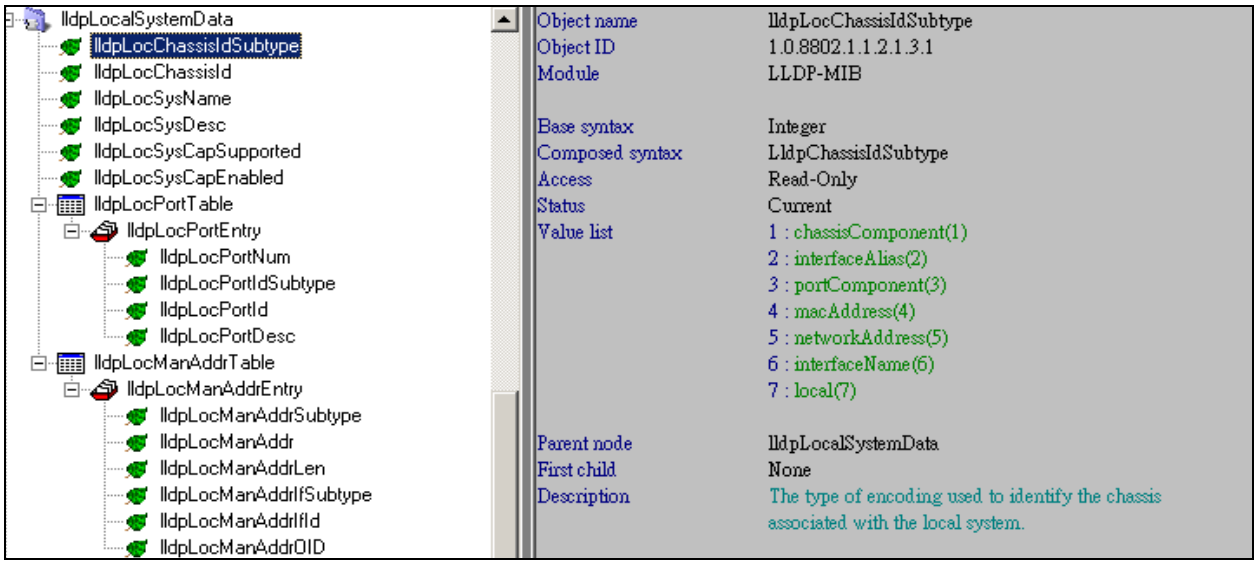

lldpStatistics
lldpStatsRemTablesLastChangeTime
lldpStatsRemTablesInserts
lldpStatsRemTablesDeletes
lldpStatsRemTablesDrops
lldpStatsRemTablesAgeouts
lldpStatsTxPortTable
lldpStatsTxPortEntry
lldpStatsTxPortNum
lldpStatsTxPortFramesTotal
lldpStatsRxPortTable
lldpStatsRxPortEntry
lldpStatsRxPortNum
lldpStatsRxPortFramesDiscardedTotal
lldpStatsRxPortFramesErrors
lldpStatsRxPortFramesTotal
lldpStatsRxPortTLVsDiscardedTotal
lldpStatsRxPortTLVsUnrecognizedTotal
lldpStatsRxPortAgeoutsTotal
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.

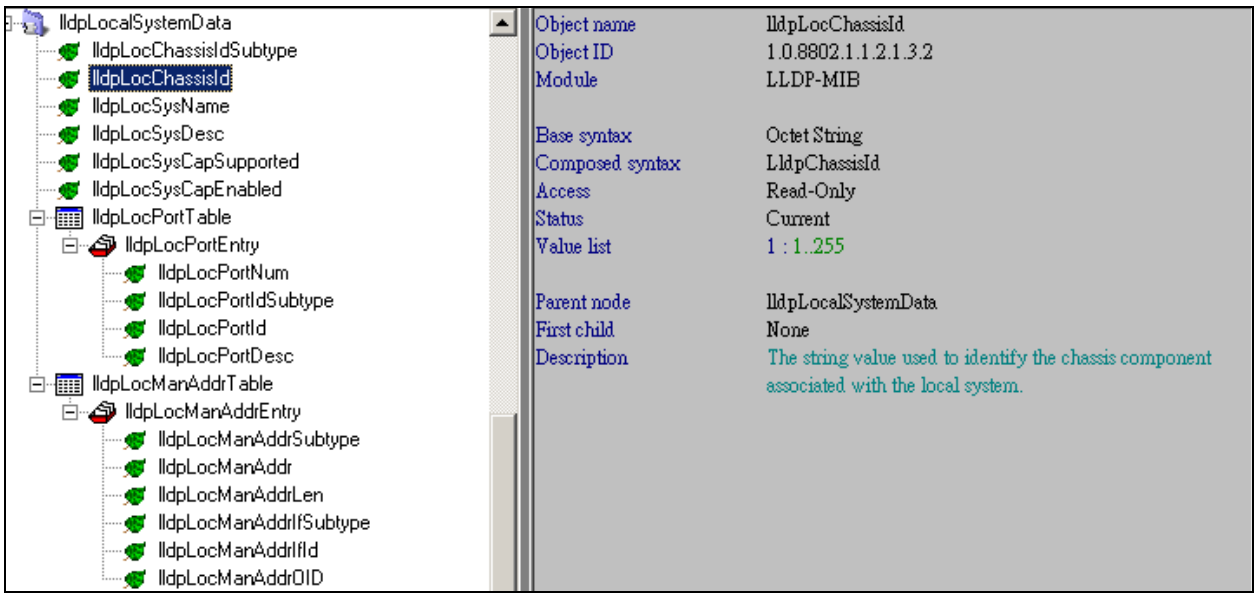

lldpStatistics
lldpStatsRemTablesLastChangeTime
lldpStatsRemTablesInserts
lldpStatsRemTablesDeletes
lldpStatsRemTablesDrops
lldpStatsRemTablesAgeouts
lldpStatsTxPortTable
lldpStatsTxPortEntry
lldpStatsTxPortNum
lldpStatsTxPortFramesTotal
lldpStatsRxPortTable
lldpStatsRxPortEntry
lldpStatsRxPortNum
lldpStatsRxPortFramesDiscardedTotal
lldpStatsRxPortFramesErrors
lldpStatsRxPortFramesTotal
lldpStatsRxPortTLVsDiscardedTotal
lldpStatsRxPortTLVsUnrecognizedTotal
lldpStatsRxPortAgeoutsTotal
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.

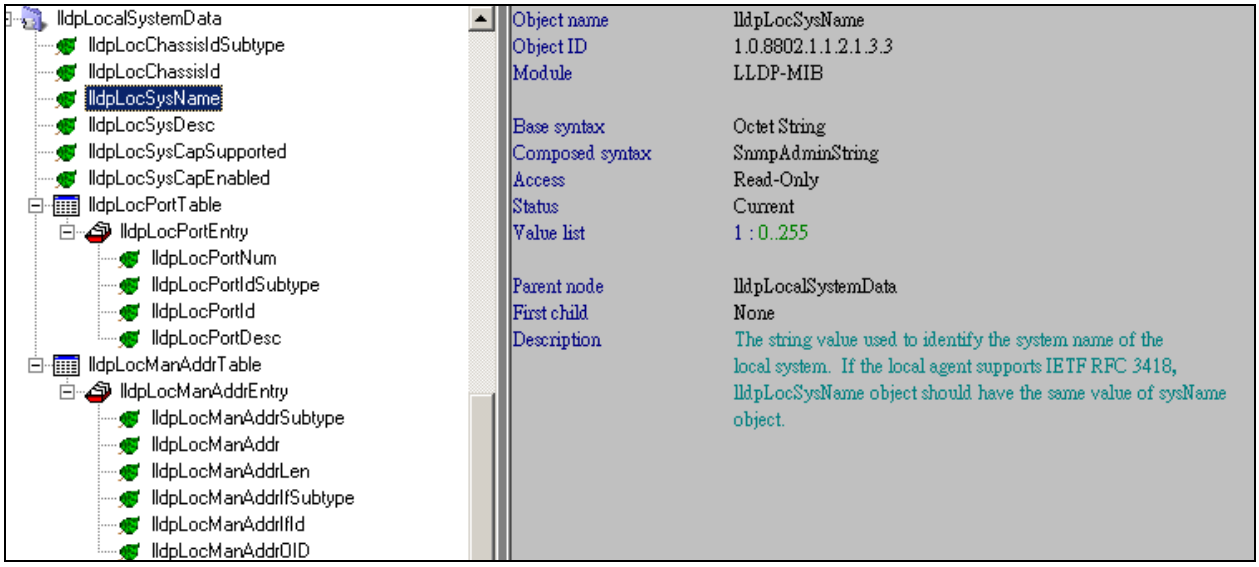

lldpStatistics
lldpStatsRemTablesLastChangeTime
lldpStatsRemTablesInserts
lldpStatsRemTablesDeletes
lldpStatsRemTablesDrops
lldpStatsRemTablesAgeouts
lldpStatsTxPortTable
lldpStatsTxPortEntry
lldpStatsTxPortNum
lldpStatsTxPortFramesTotal
lldpStatsRxPortTable
lldpStatsRxPortEntry
lldpStatsRxPortNum
lldpStatsRxPortFramesDiscardedTotal
lldpStatsRxPortFramesErrors
lldpStatsRxPortFramesTotal
lldpStatsRxPortTLVsDiscardedTotal
lldpStatsRxPortTLVsUnrecognizedTotal
lldpStatsRxPortAgeoutsTotal
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.

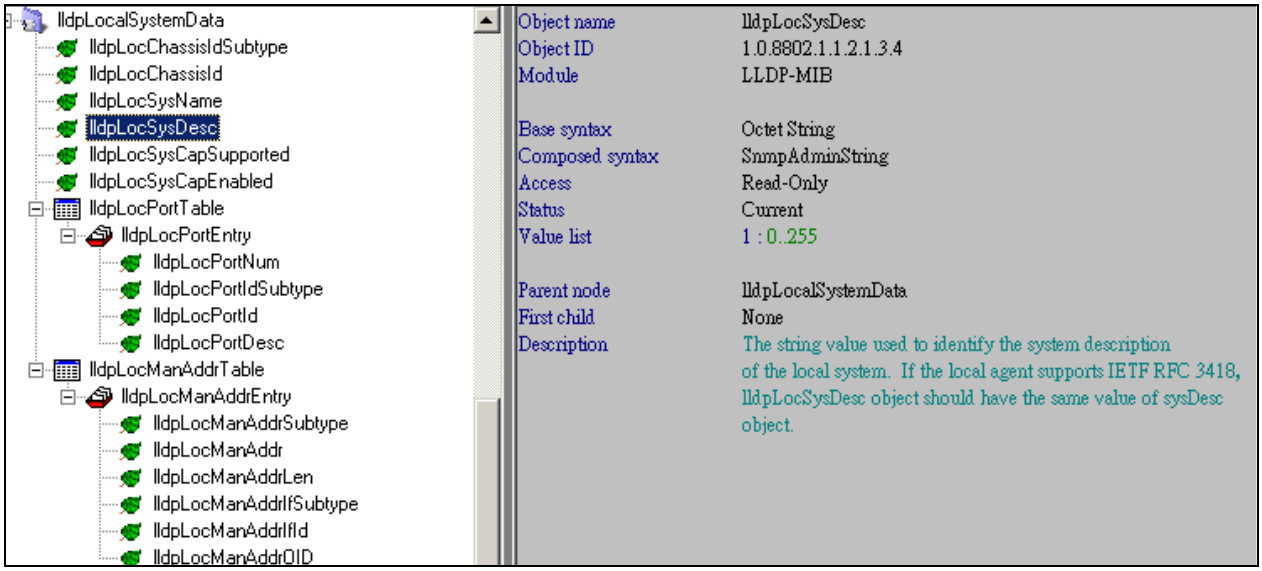

lldpStatistics
lldpStatsRemTablesLastChangeTime
lldpStatsRemTablesInserts
lldpStatsRemTablesDeletes
lldpStatsRemTablesDrops
lldpStatsRemTablesAgeouts
lldpStatsTxPortTable
lldpStatsTxPortEntry
lldpStatsTxPortNum
lldpStatsTxPortFramesTotal
lldpStatsRxPortTable
lldpStatsRxPortEntry
lldpStatsRxPortNum
lldpStatsRxPortFramesDiscardedTotal
lldpStatsRxPortFramesErrors
lldpStatsRxPortFramesTotal
lldpStatsRxPortTLVsDiscardedTotal
lldpStatsRxPortTLVsUnrecognizedTotal
lldpStatsRxPortAgeoutsTotal
lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
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 'rxOnly', 'txOnly' or 'txAndRx', 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.

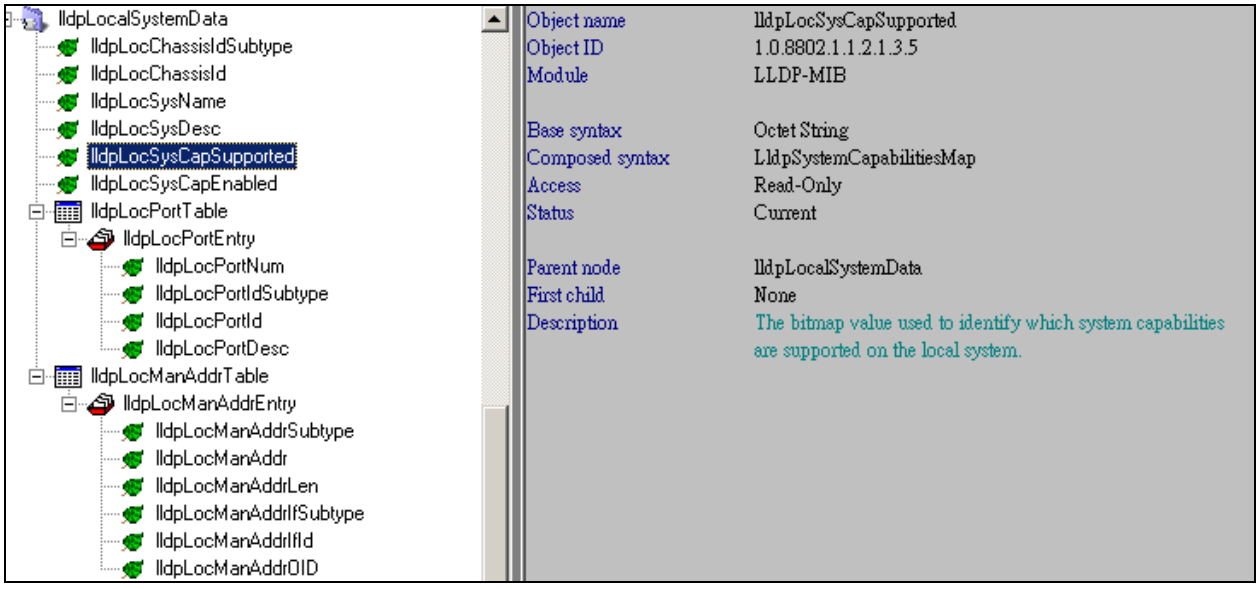

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
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

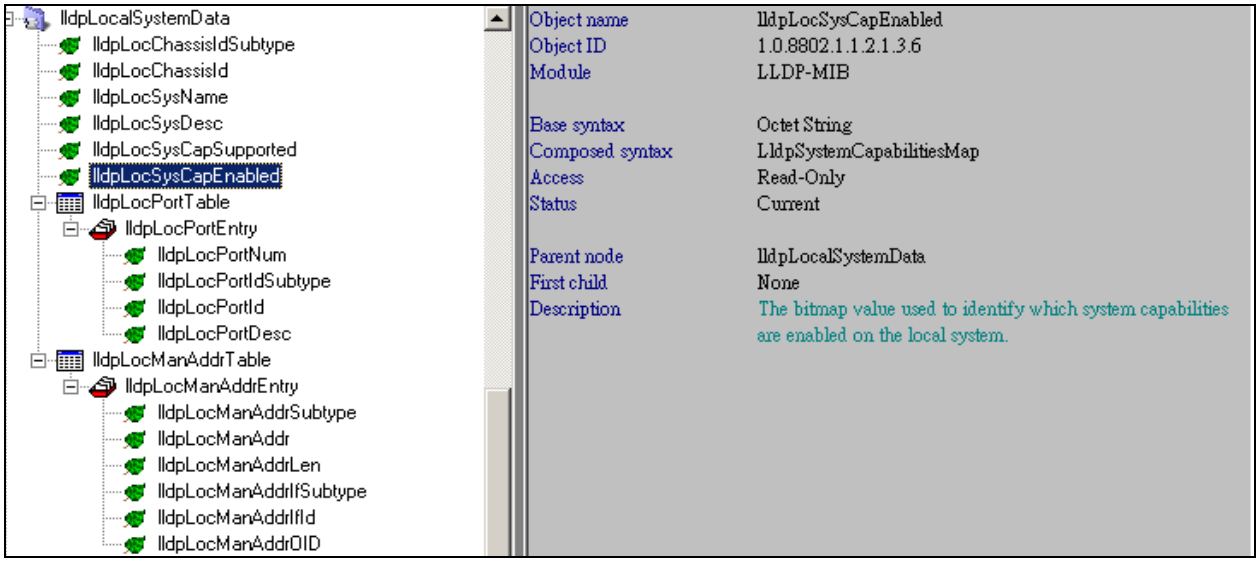

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
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 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.

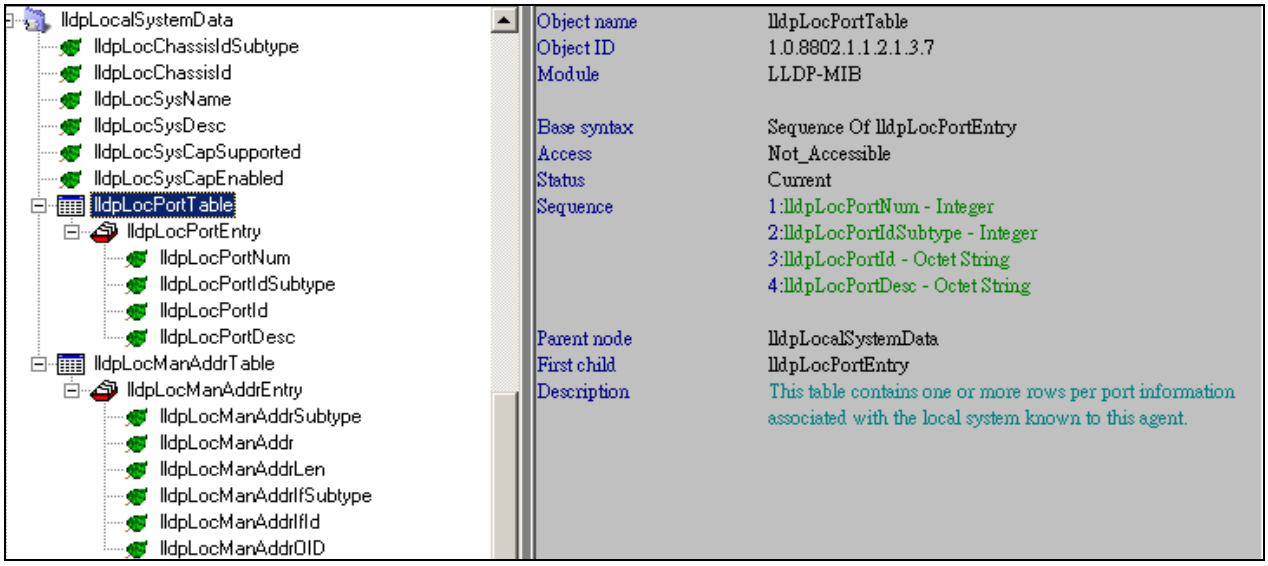

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
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.

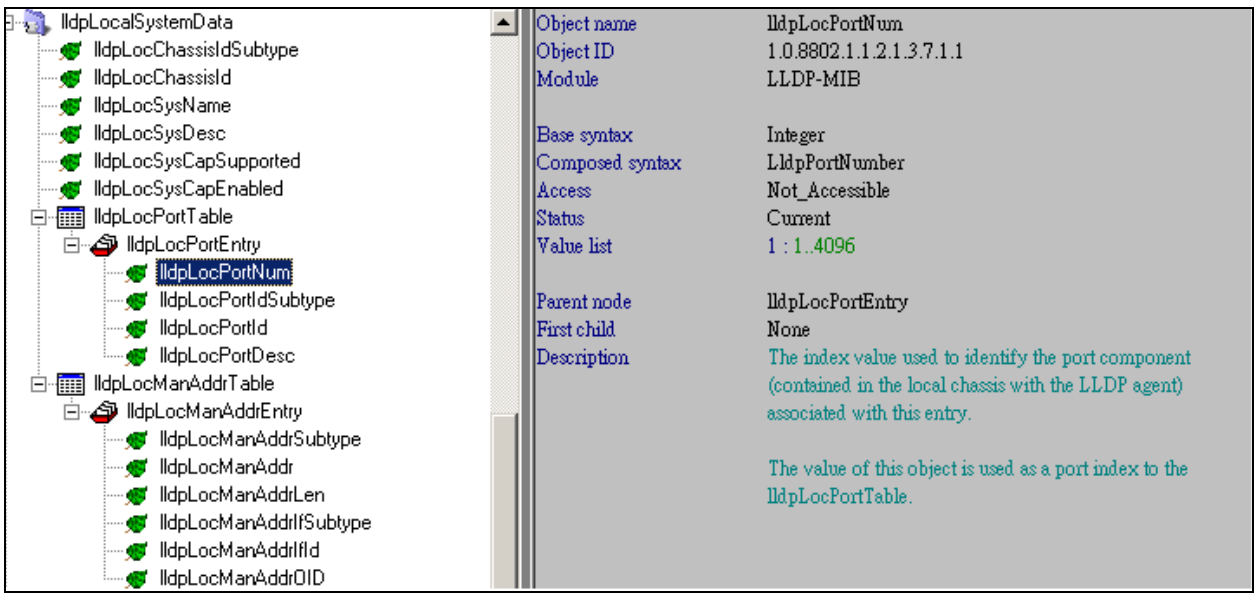

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
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.

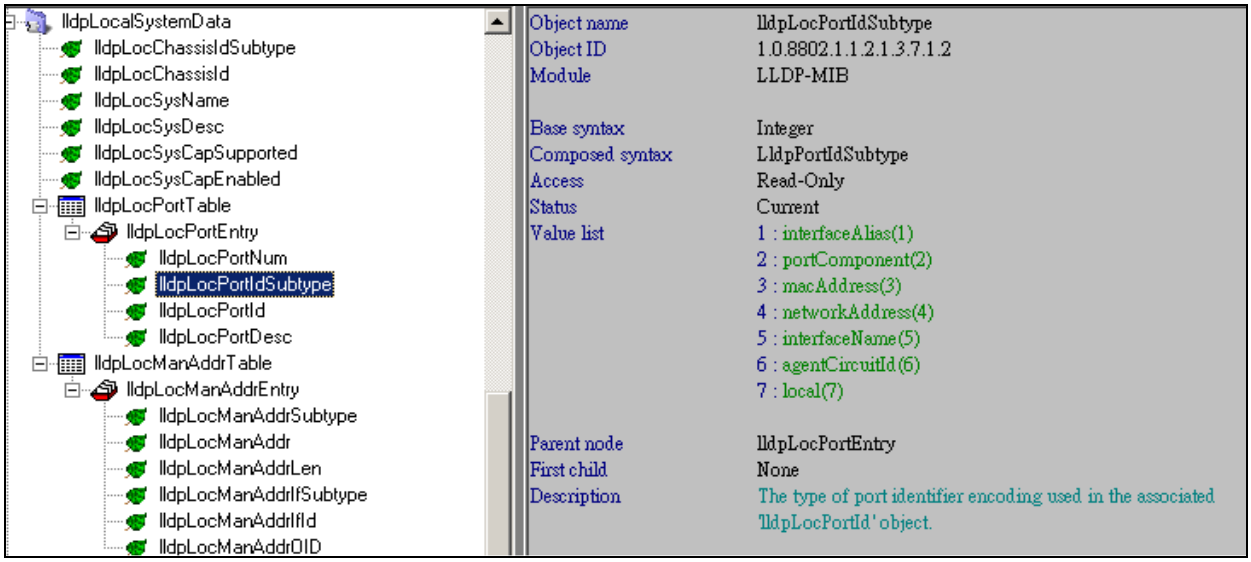

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
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.

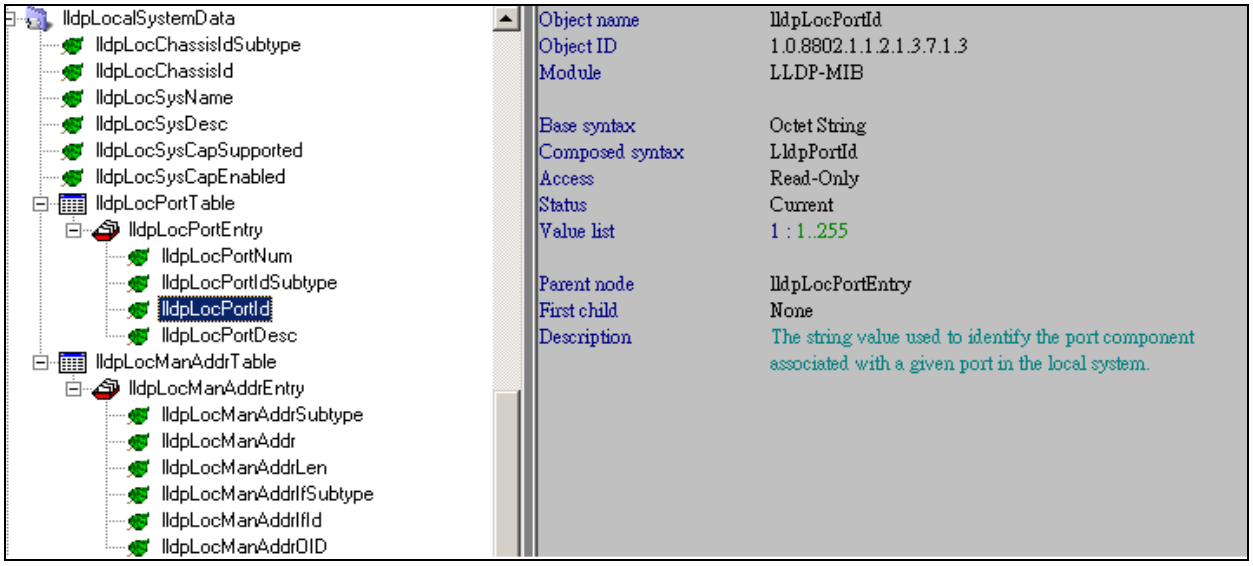

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
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.

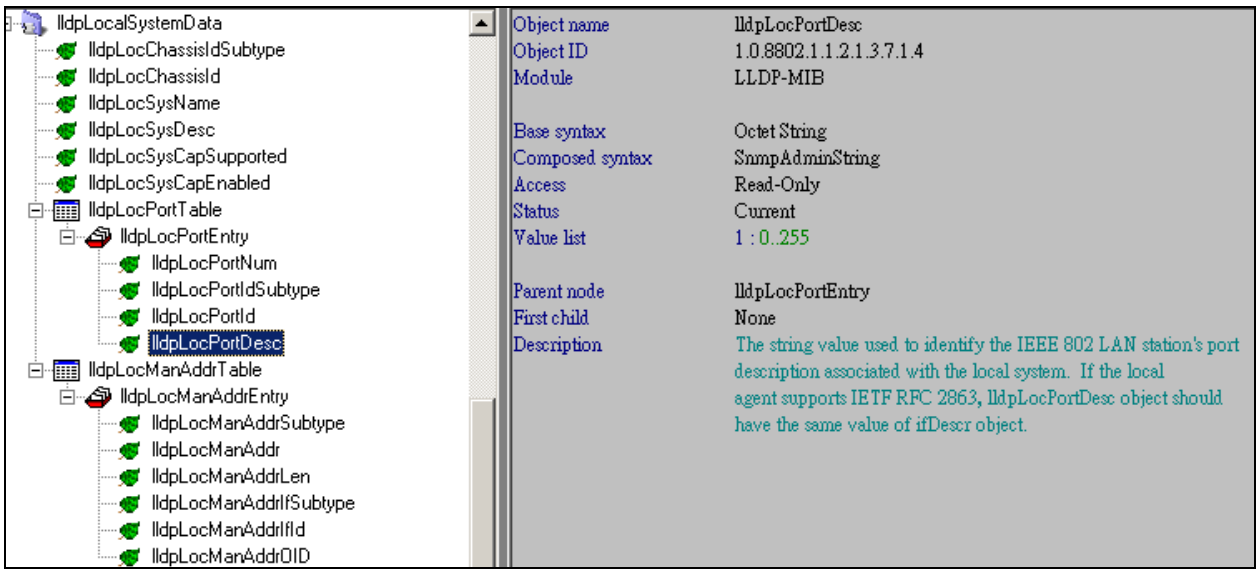

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
Object name lldpLocSysCapEnabled
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 lldpLocalSystemData
First child None
Description The bitmap value used to identify which system capabilities are enabled on the local system.

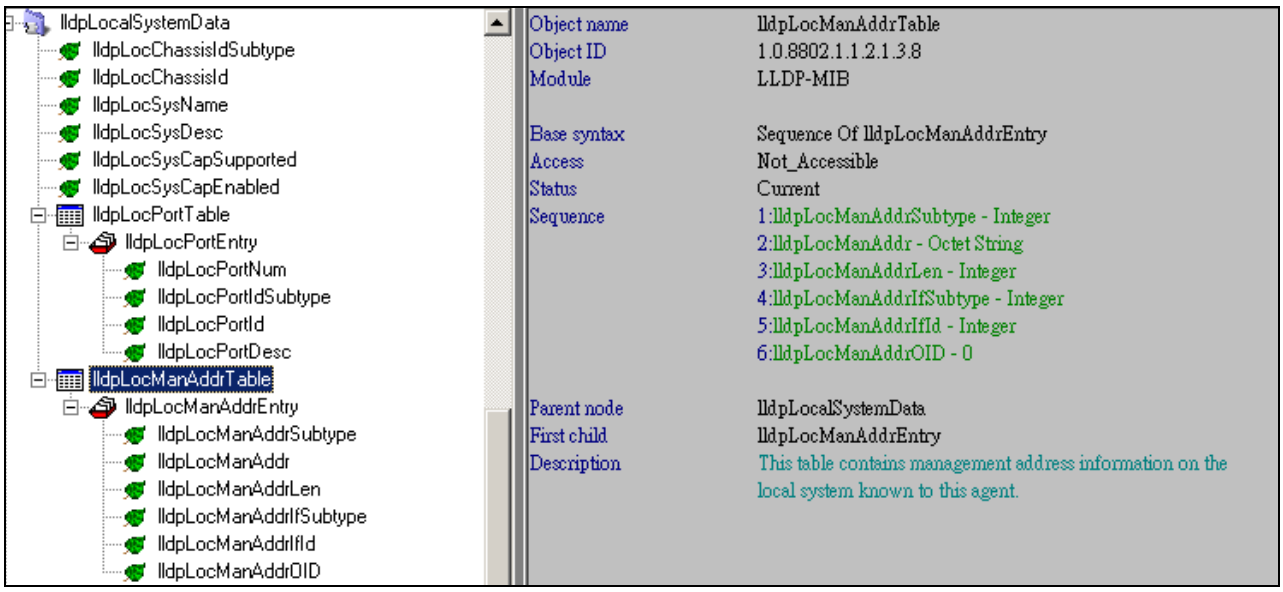

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
Object name lldpLocPortTable
Object ID 1.0.8802.1.1.2.1.3.7
Module LLDP-MIB
Base syntax Sequence Of lldpLocPortEntry
Access Not_Accessible
Status Current
Sequence 1:lldpLocPortNum - Integer
2:lldpLocPortIdSubtype - Integer
3:lldpLocPortId - Octet String
4:lldpLocPortDesc - Octet String
Parent node lldpLocalSystemData
First child lldpLocPortEntry
Description This table contains one or more rows per port information associated with the local system known to this agent.

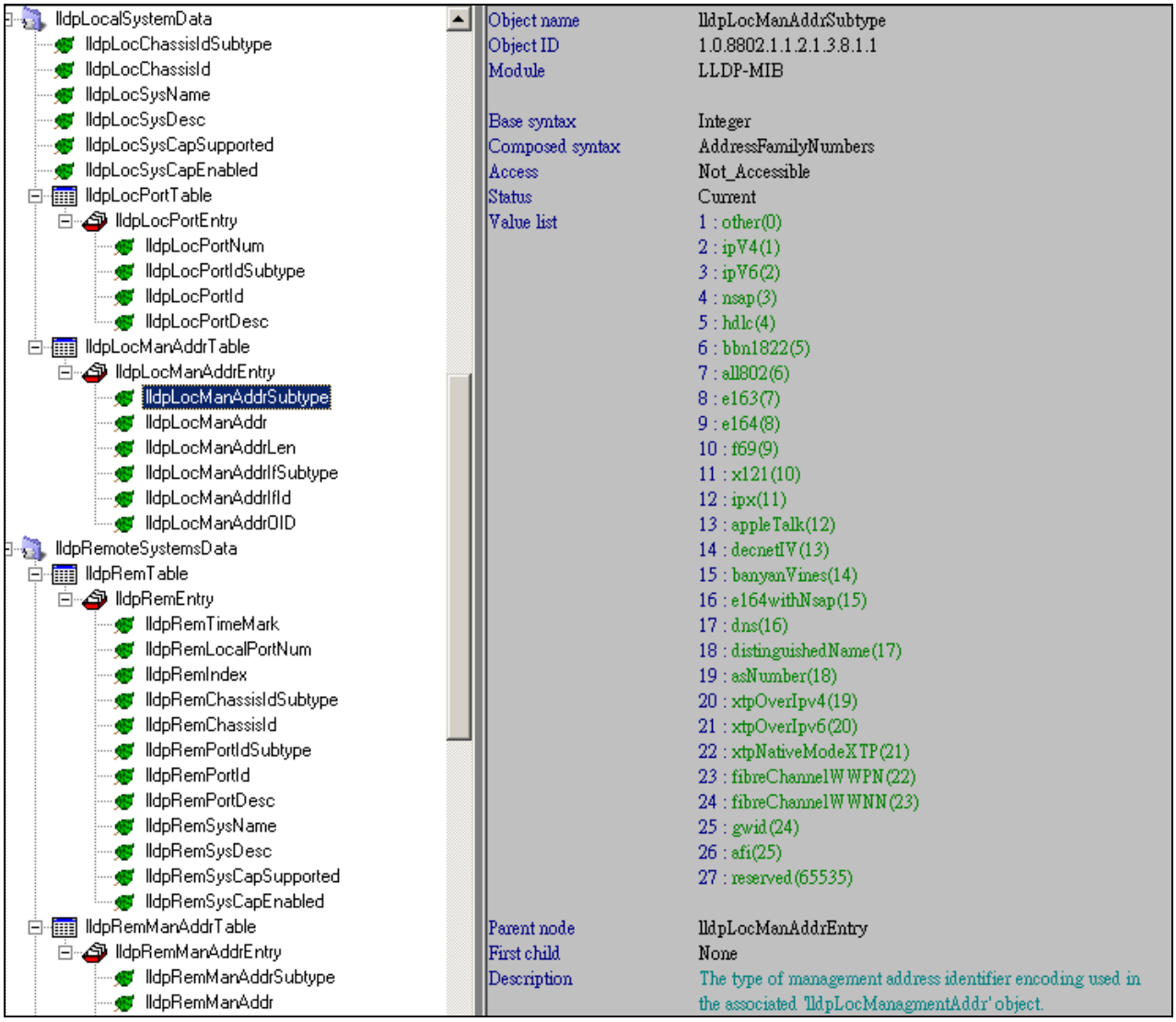

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
Object name lldpLocPortNum
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 lldpLocPortEntry
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 lldpLocPortTable.

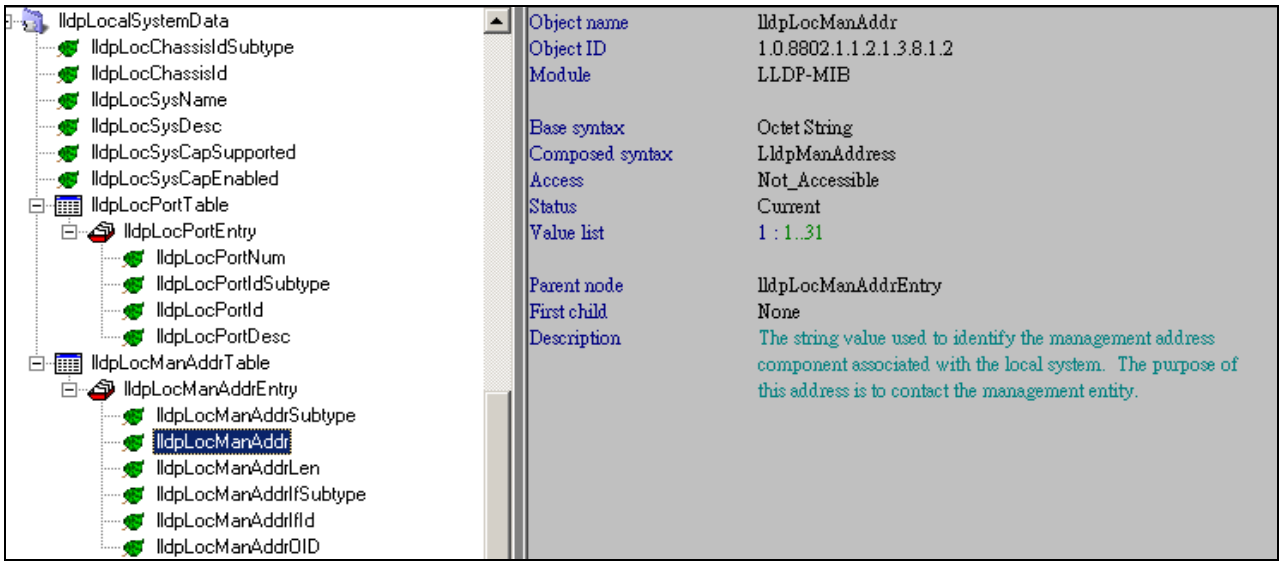

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
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.

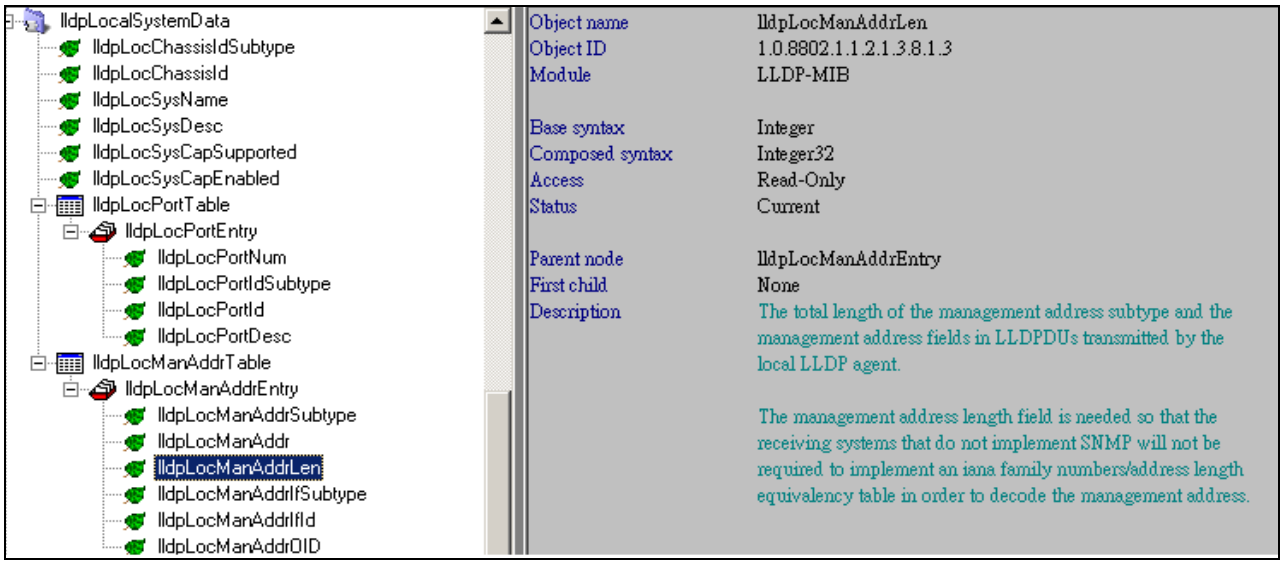

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
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.

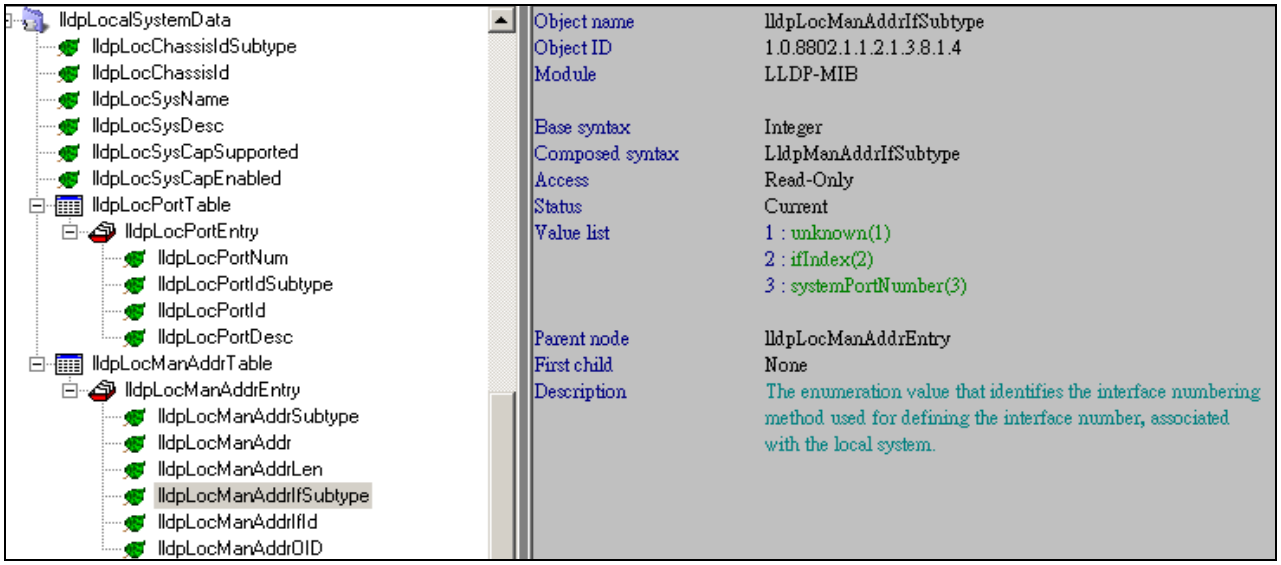

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
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 2863, lldpLocPortDesc object should have the same value of ifDescr object.

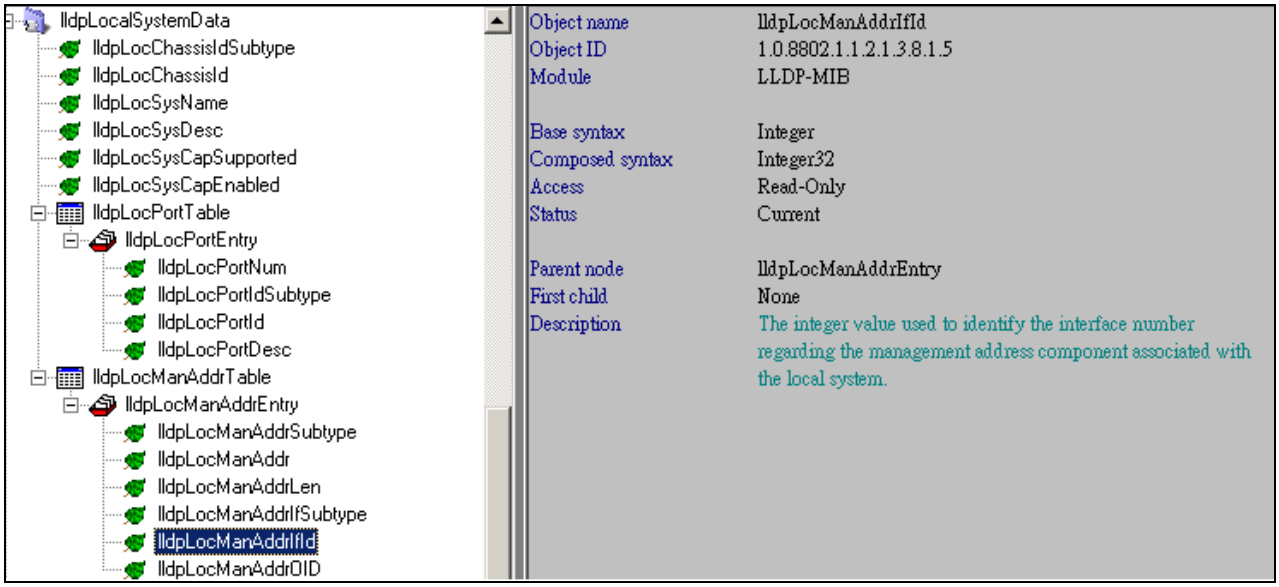

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
Object name lldpLocManAddrTable
Object ID 1.0.8802.1.1.2.1.3.8
Module LLDP-MIB
Base syntax Sequence Of lldpLocManAddrEntry
Access Not_Accessible
Status Current
Sequence 1:lldpLocManAddrSubtype - Integer
2:lldpLocManAddr - Octet String
3:lldpLocManAddrLen - Integer
4:lldpLocManAddrIfSubtype - Integer
5:lldpLocManAddrIfId - Integer
6:lldpLocManAddrOID - 0
Parent node lldpLocalSystemData
First child lldpLocManAddrEntry
Description This table contains management address information on the local system known to this agent.

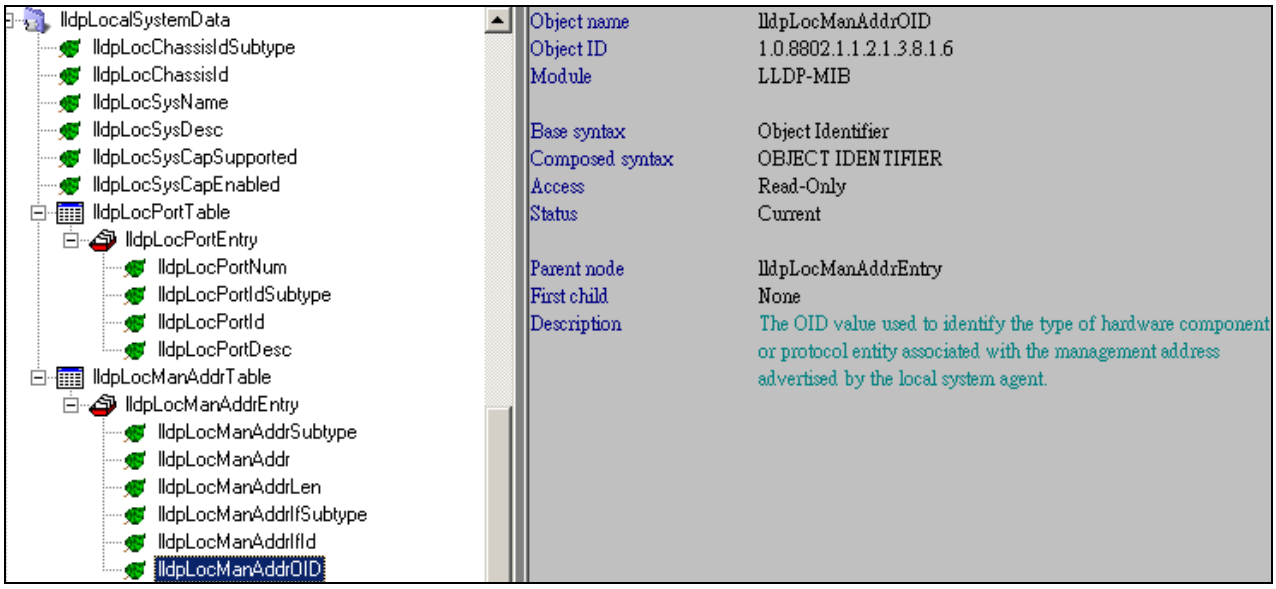

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
lldpRemoteSystemsData
lldpRemTable
lldpRemEntry
lldpRemTimeMark
lldpRemLocalPortNum
lldpRemIndex
lldpRemChassisIdSubtype
lldpRemChassisId
lldpRemPortIdSubtype
lldpRemPortId
lldpRemPortDesc
lldpRemSysName
lldpRemSysDesc
lldpRemSysCapSupported
lldpRemSysCapEnabled
lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
Object name lldpLocManAddrSubtype
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 : decnetIV(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 : fibreChannelWWNN(23)
25 : gwid(24)
26 : afi(25)
27 : reserved(65535)
Parent node lldpLocManAddrEntry
First child None
Description The type of management address identifier encoding used in the associated 'lldpLocManagmentAddr' object.

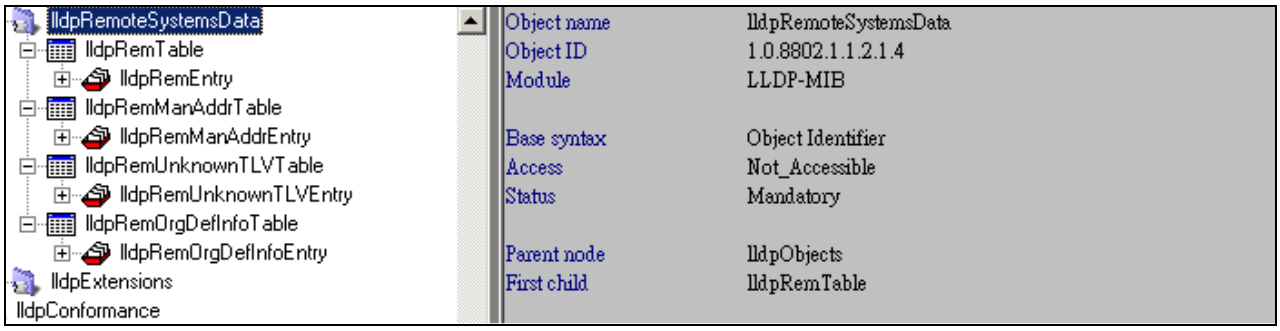

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
Object name lldpLocManAddr
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 lldpLocManAddrEntry
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.

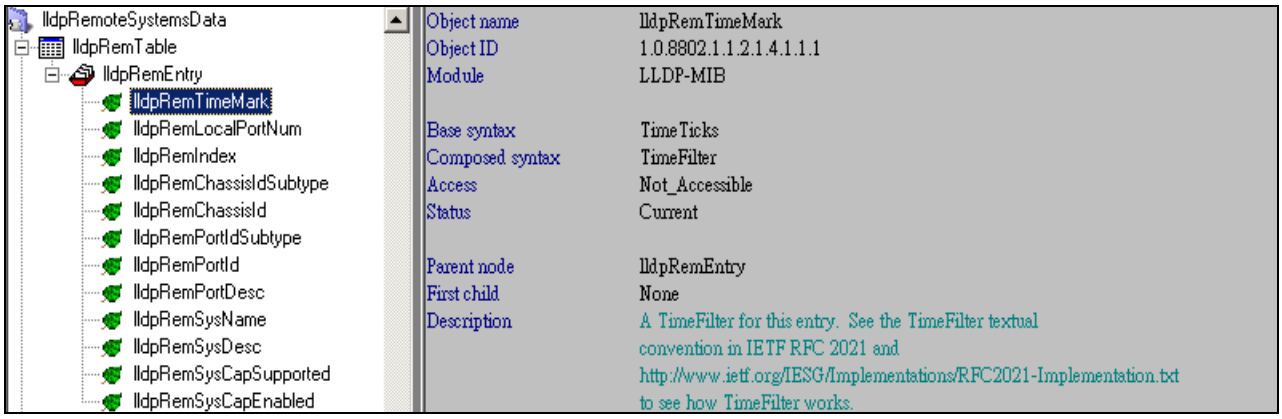

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
Object name lldpLocManAddrLen
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 lldpLocManAddrEntry
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.

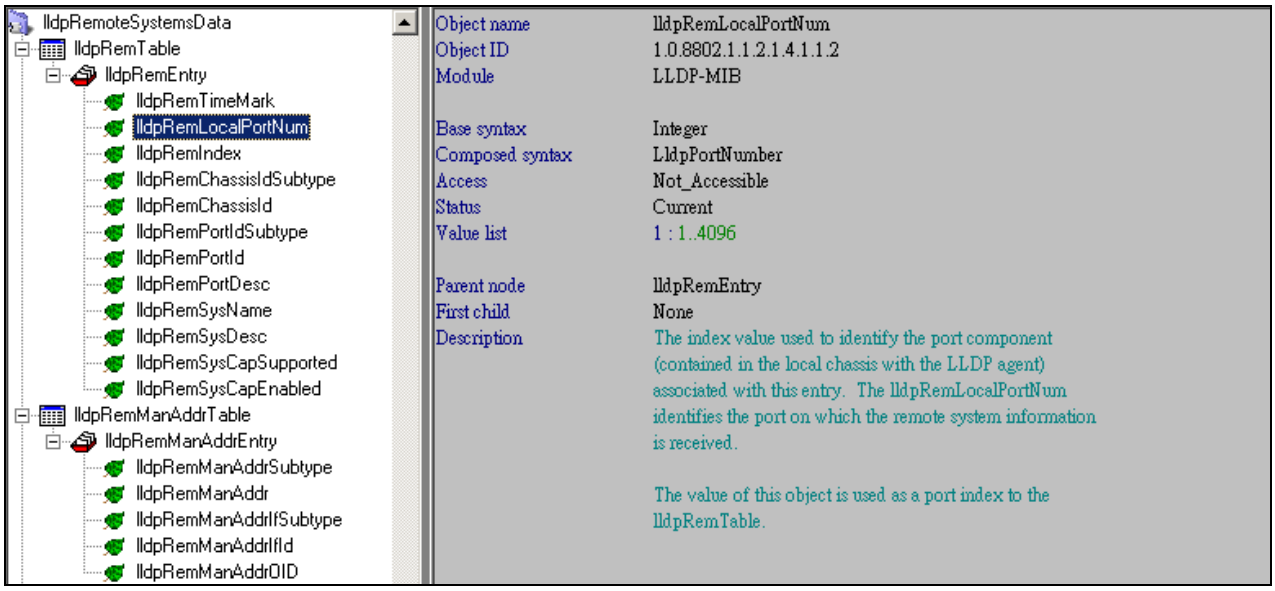

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
Object name lldpLocManAddrIfSubtype
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 lldpLocManAddrEntry
First child None
Description The enumeration value that identifies the interface numbering method used for defining the interface number, associated with the local system.

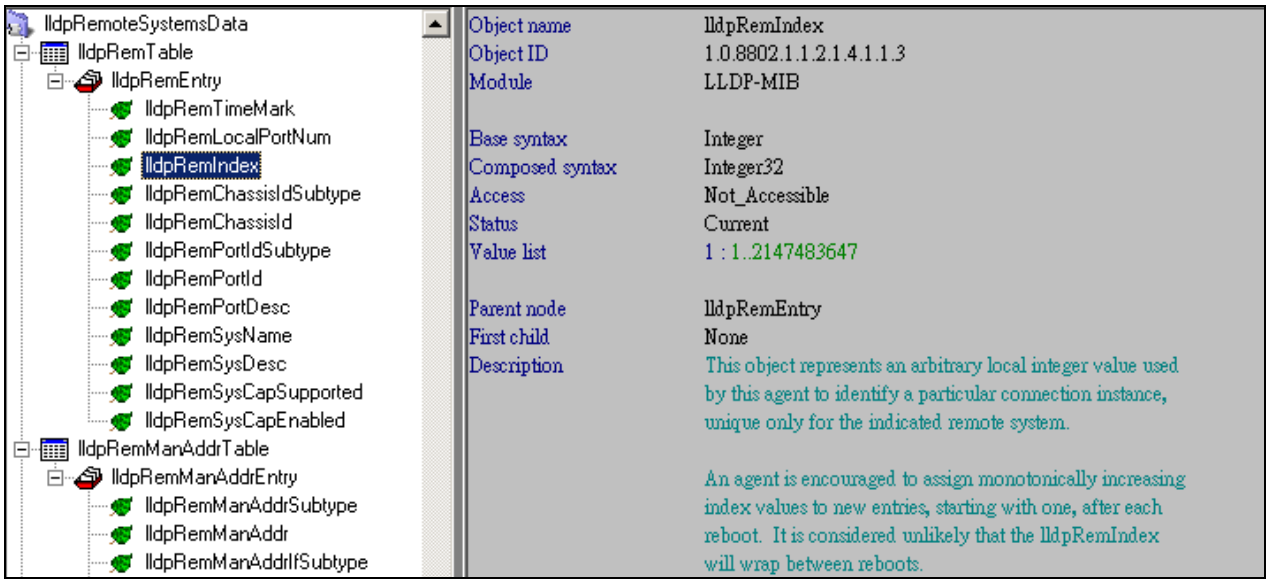

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
Object name lldpLocManAddrIfId
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 lldpLocManAddrEntry
First child None
Description The integer value used to identify the interface number regarding the management address component associated with the local system.

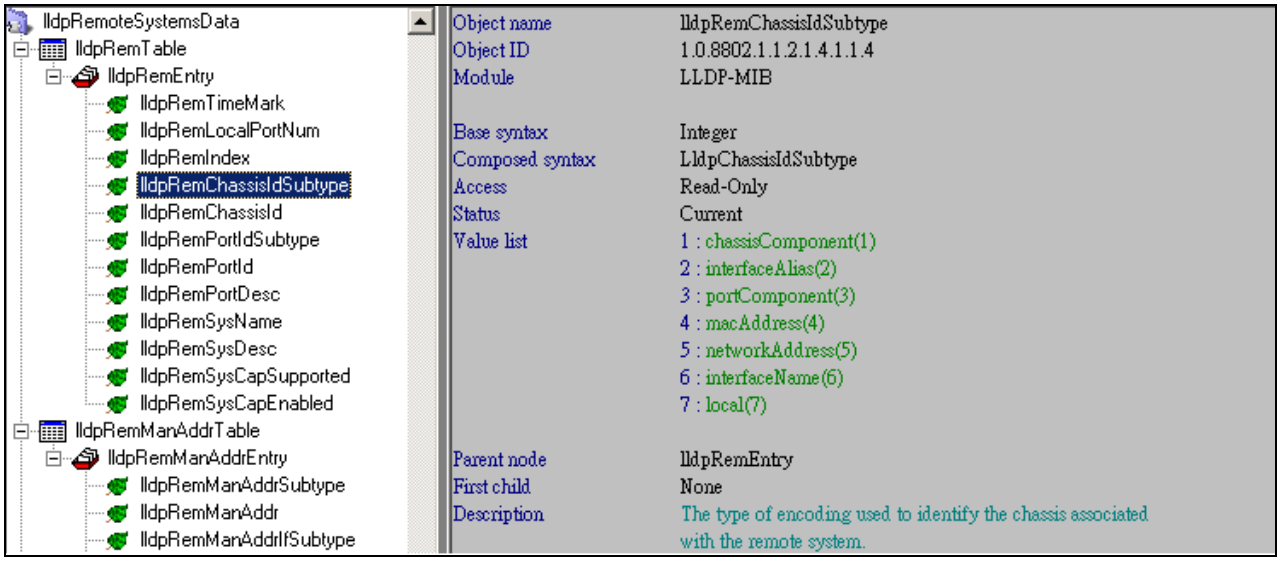

lldpLocalSystemData
lldpLocChassisIdSubtype
lldpLocChassisId
lldpLocSysName
lldpLocSysDesc
lldpLocSysCapSupported
lldpLocSysCapEnabled
lldpLocPortTable
lldpLocPortEntry
lldpLocPortNum
lldpLocPortIdSubtype
lldpLocPortId
lldpLocPortDesc
lldpLocManAddrTable
lldpLocManAddrEntry
lldpLocManAddrSubtype
lldpLocManAddr
lldpLocManAddrLen
lldpLocManAddrIfSubtype
lldpLocManAddrIfId
lldpLocManAddrOID
Object name lldpLocManAddrOID
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 lldpLocManAddrEntry
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.

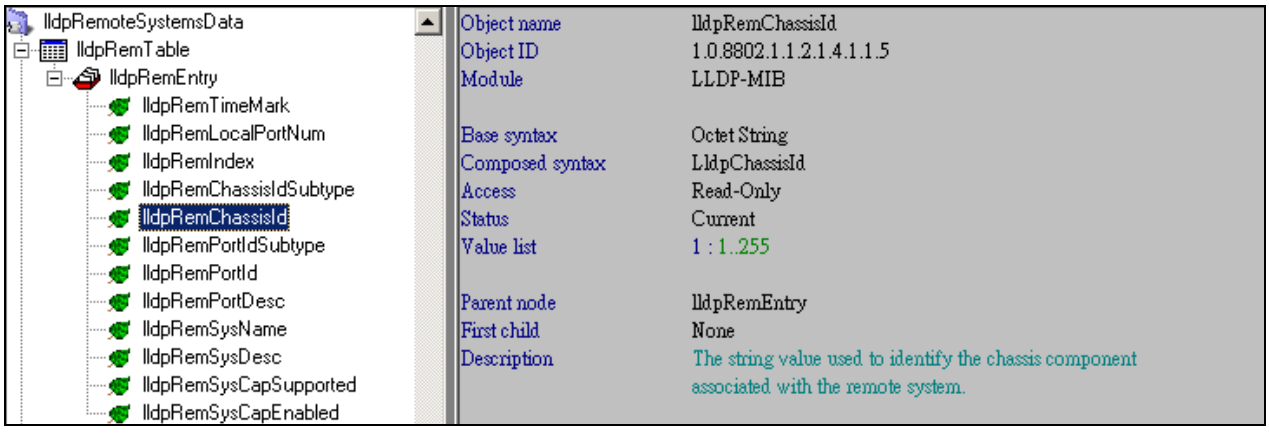

lldpRemoteSystemsData
lldpRemTable
lldpRemEntry
lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemUnknownTLVTable
lldpRemUnknownTLVEntry
lldpRemOrgDefInfoTable
lldpRemOrgDefInfoEntry
lldpExtensions
lldpConformance
Object name lldpRemoteSystemsData
Object ID 1.0.8802.1.1.2.1.4
Module LLDP-MIB
Base syntax Object Identifier
Access Not_Accessible
Status Mandatory
Parent node lldpObjects
First child lldpRemTable

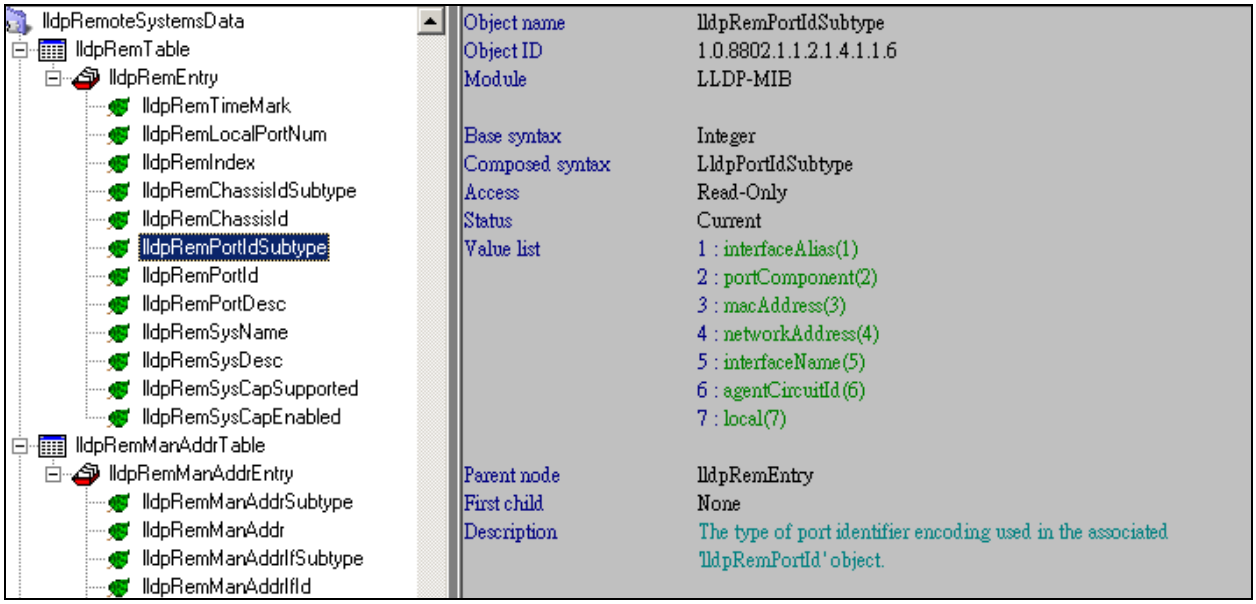

lldpRemoteSystemsData
lldpRemTable
lldpRemEntry
lldpRemTimeMark
lldpRemLocalPortNum
lldpRemIndex
lldpRemChassisIdSubtype
lldpRemChassisId
lldpRemPortIdSubtype
lldpRemPortId
lldpRemPortDesc
lldpRemSysName
lldpRemSysDesc
lldpRemSysCapSupported
lldpRemSysCapEnabled
Object name lldpRemTimeMark
Object ID 1.0.8802.1.1.2.1.4.1.1.1
Module LLDP-MIB
Base syntax TimeTicks
Composed syntax TimeFilter
Access Not_Accessible
Status Current
Parent node lldpRemEntry
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.

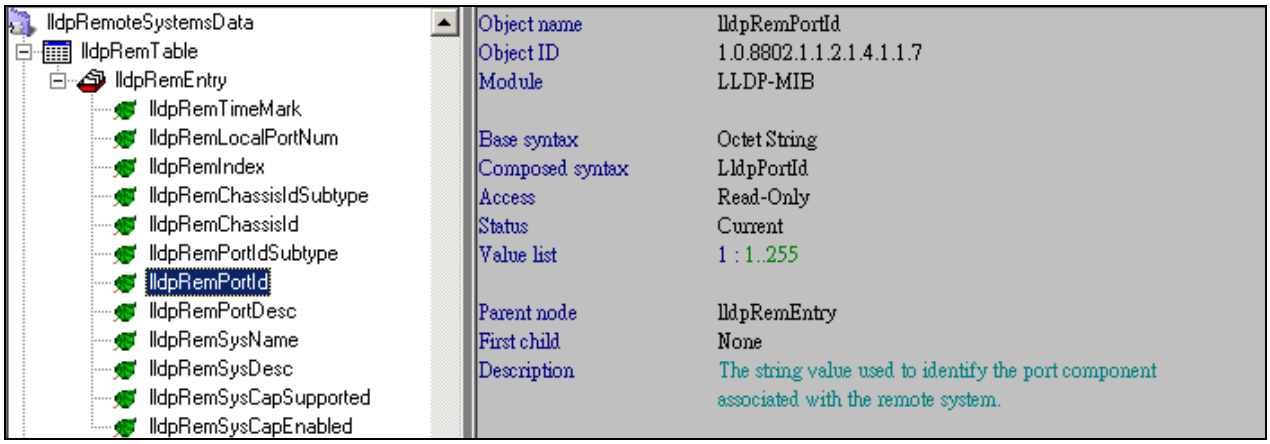

lldpRemoteSystemsData
lldpRemTable
lldpRemEntry
lldpRemTimeMark
lldpRemLocalPortNum
lldpRemIndex
lldpRemChassisIdSubtype
lldpRemChassisId
lldpRemPortIdSubtype
lldpRemPortId
lldpRemPortDesc
lldpRemSysName
lldpRemSysDesc
lldpRemSysCapSupported
lldpRemSysCapEnabled
lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
lldpRemManAddrIfSubtype
lldpRemManAddrIfId
lldpRemManAddrOID
Object name lldpRemLocalPortNum
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 lldpRemEntry
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 lldpRemLocalPortNum identifies the port on which the remote system information is received.
The value of this object is used as a port index to the lldpRemTable.

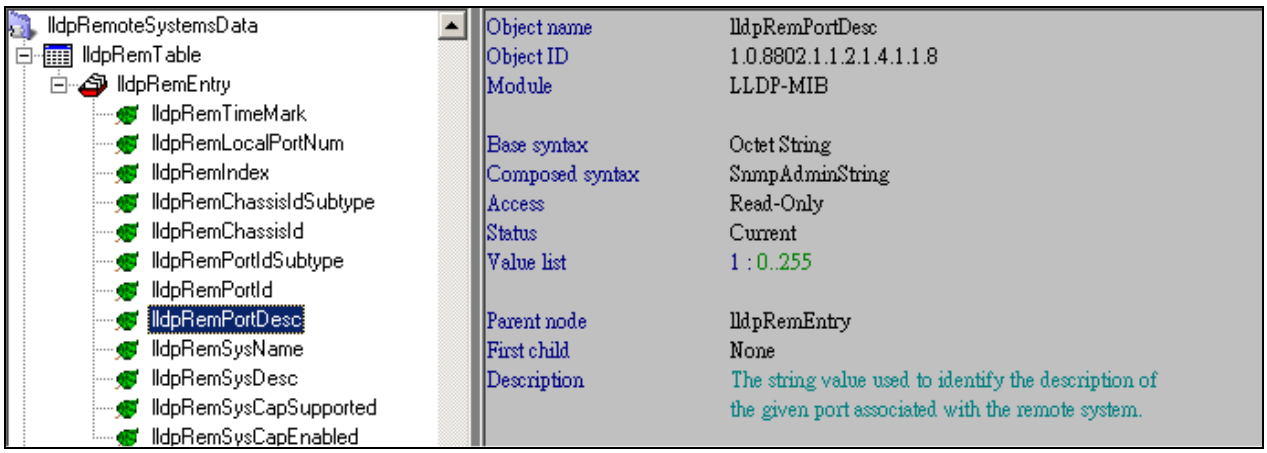

lldpRemoteSystemsData
lldpRemTable
lldpRemEntry
lldpRemTimeMark
lldpRemLocalPortNum
lldpRemIndex
lldpRemChassisIdSubtype
lldpRemChassisId
lldpRemPortIdSubtype
lldpRemPortId
lldpRemPortDesc
lldpRemSysName
lldpRemSysDesc
lldpRemSysCapSupported
lldpRemSysCapEnabled
lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
lldpRemManAddrIfSubtype
Object name lldpRemIndex
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 lldpRemEntry
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 lldpRemIndex will wrap between reboots.

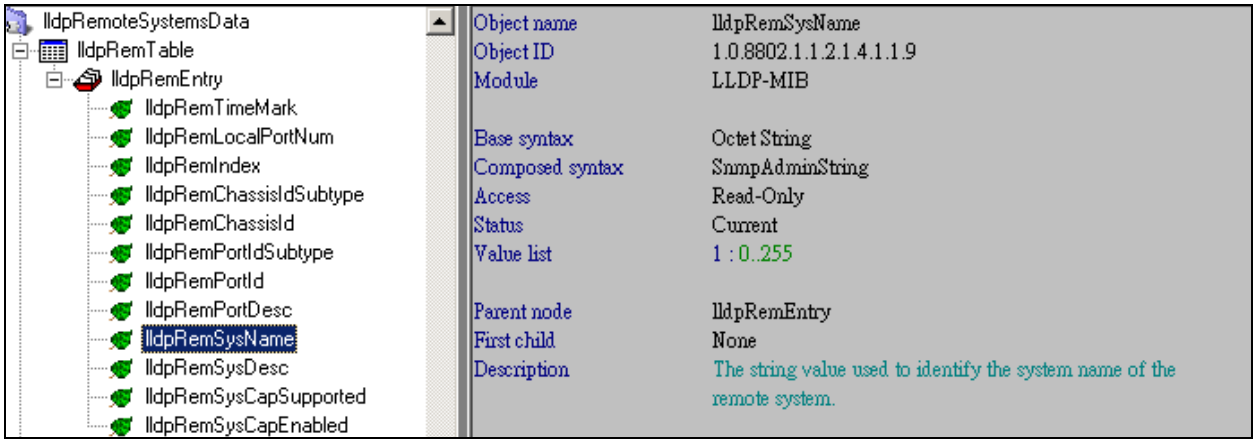

lldpRemoteSystemsData
lldpRemTable
lldpRemEntry
lldpRemTimeMark
lldpRemLocalPortNum
lldpRemIndex
lldpRemChassisIdSubtype
lldpRemChassisId
lldpRemPortIdSubtype
lldpRemPortId
lldpRemPortDesc
lldpRemSysName
lldpRemSysDesc
lldpRemSysCapSupported
lldpRemSysCapEnabled
lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
lldpRemManAddrIfSubtype
Object name lldpRemChassisIdSubtype
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 lldpRemEntry
First child None
Description The type of encoding used to identify the chassis associated with the remote system.

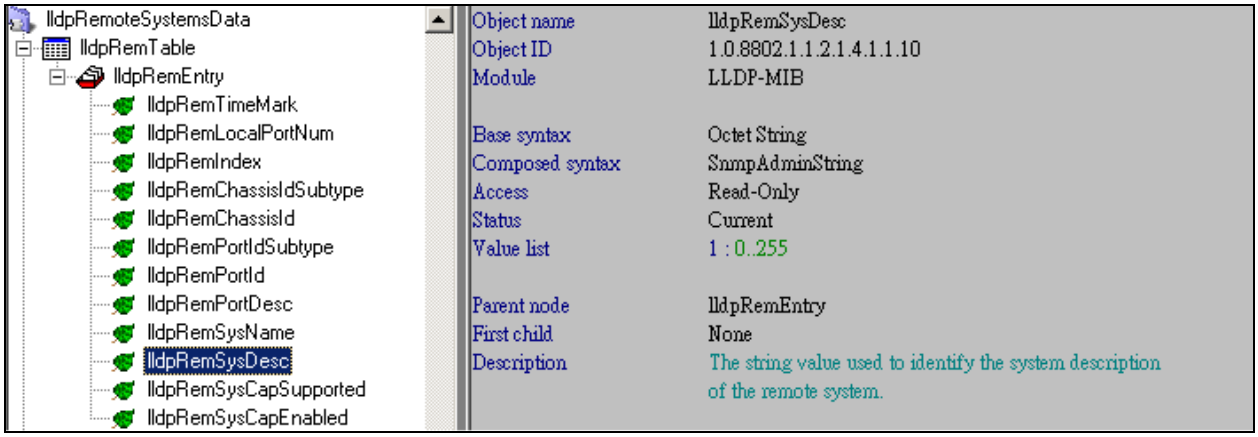

lldpRemoteSystemsData
lldpRemTable
lldpRemEntry
lldpRemTimeMark
lldpRemLocalPortNum
lldpRemIndex
lldpRemChassisIdSubtype
lldpRemChassisId
lldpRemPortIdSubtype
lldpRemPortId
lldpRemPortDesc
lldpRemSysName
lldpRemSysDesc
lldpRemSysCapSupported
lldpRemSysCapEnabled
Object name lldpRemChassisId
Object ID 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 lldpRemEntry
First child None
Description The string value used to identify the chassis component associated with the remote system.

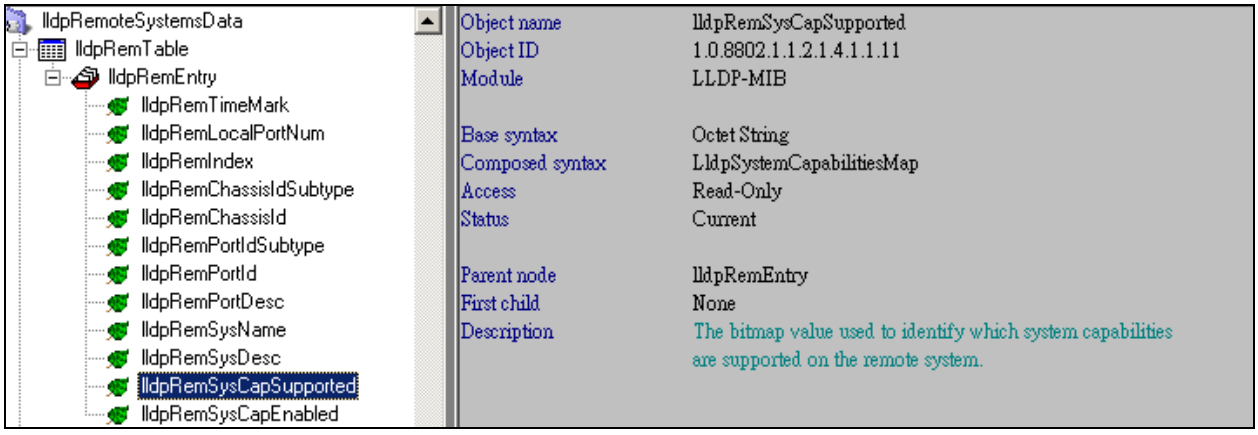

lldpRemoteSystemsData
lldpRemTable
lldpRemEntry
lldpRemTimeMark
lldpRemLocalPortNum
lldpRemIndex
lldpRemChassisIdSubtype
lldpRemChassisId
lldpRemPortIdSubtype
lldpRemPortId
lldpRemPortDesc
lldpRemSysName
lldpRemSysDesc
lldpRemSysCapSupported
lldpRemSysCapEnabled
lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
lldpRemManAddrIfSubtype
lldpRemManAddrIfId
Object name lldpRemPortIdSubtype
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 lldpRemEntry
First child None
Description The type of port identifier encoding used in the associated 'lldpRemPortId' object.

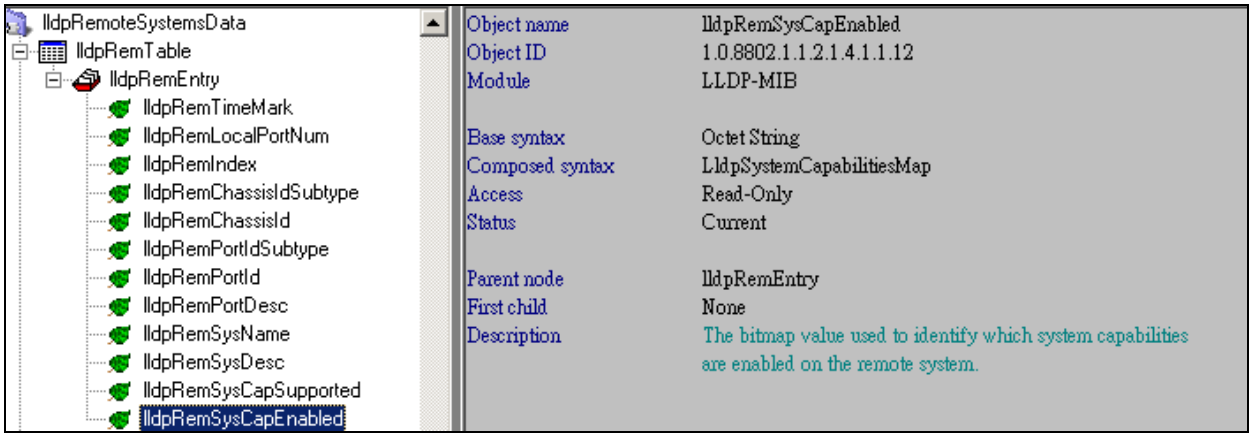

lldpRemoteSystemsData
lldpRemTable
lldpRemEntry
lldpRemTimeMark
lldpRemLocalPortNum
lldpRemIndex
lldpRemChassisIdSubtype
lldpRemChassisId
lldpRemPortIdSubtype
lldpRemPortId
lldpRemPortDesc
lldpRemSysName
lldpRemSysDesc
lldpRemSysCapSupported
lldpRemSysCapEnabled
Object name lldpRemPortId
Object ID 1.0.8802.1.1.2.1.4.1.1.7
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.

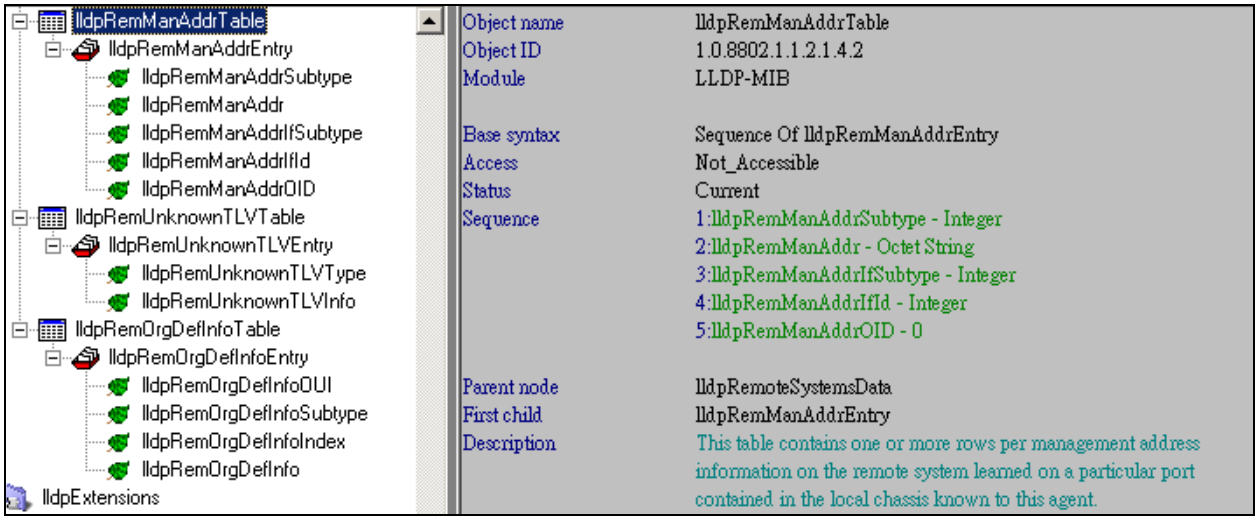

lldpRemoteSystemsData
lldpRemTable
lldpRemEntry
lldpRemTimeMark
lldpRemLocalPortNum
lldpRemIndex
lldpRemChassisIdSubtype
lldpRemChassisId
lldpRemPortIdSubtype
lldpRemPortId
lldpRemPortDesc
lldpRemSysName
lldpRemSysDesc
lldpRemSysCapSupported
lldpRemSysCapEnabled
Object name lldpRemPortDesc
Object ID 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.

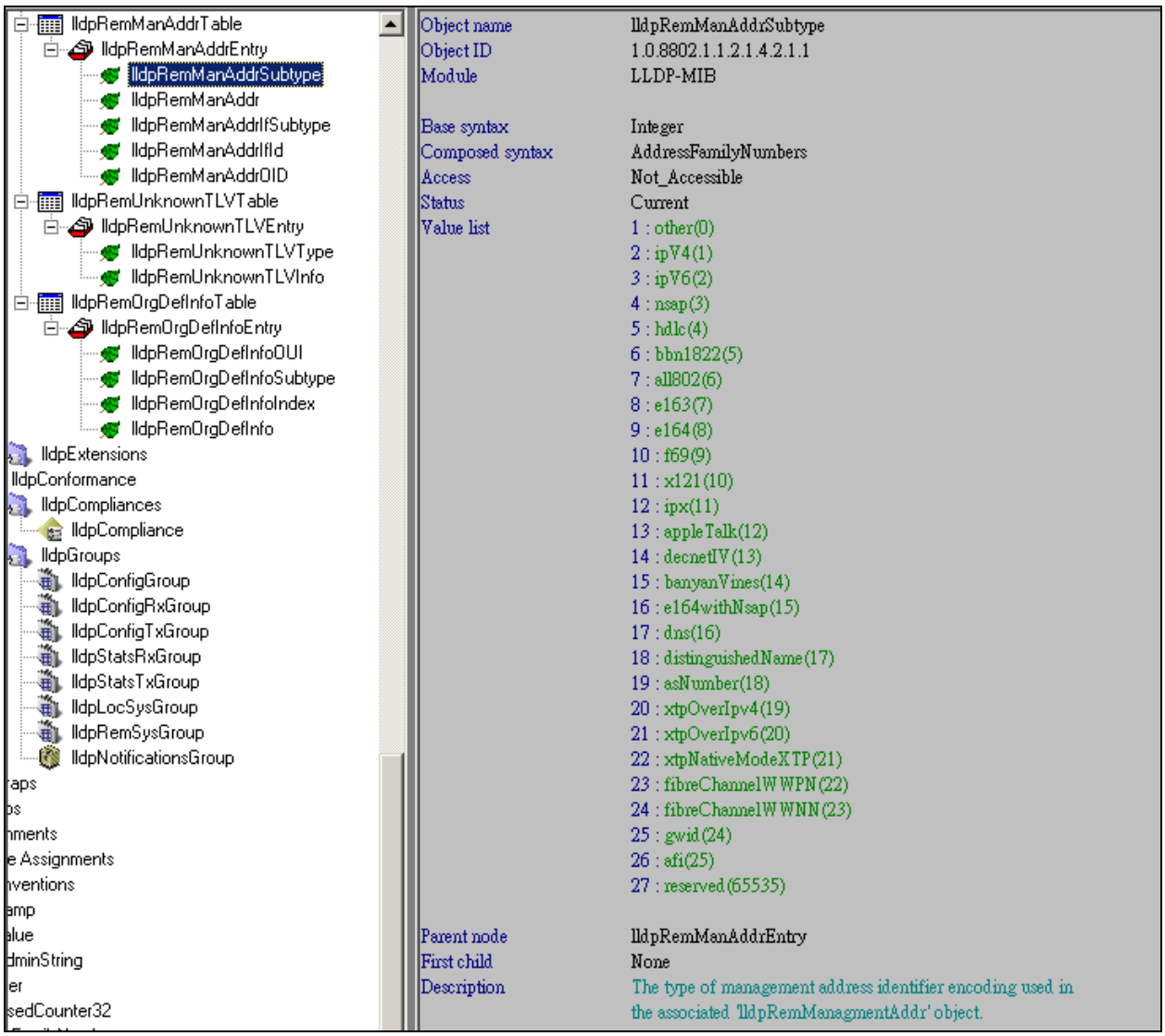

lldpRemoteSystemsData
lldpRemTable
lldpRemEntry
lldpRemTimeMark
lldpRemLocalPortNum
lldpRemIndex
lldpRemChassisIdSubtype
lldpRemChassisId
lldpRemPortIdSubtype
lldpRemPortId
lldpRemPortDesc
lldpRemSysName
lldpRemSysDesc
lldpRemSysCapSupported
lldpRemSysCapEnabled
Object name lldpRemSysName
Object ID 1.0.8802.1.1.2.1.4.1.1.9
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.

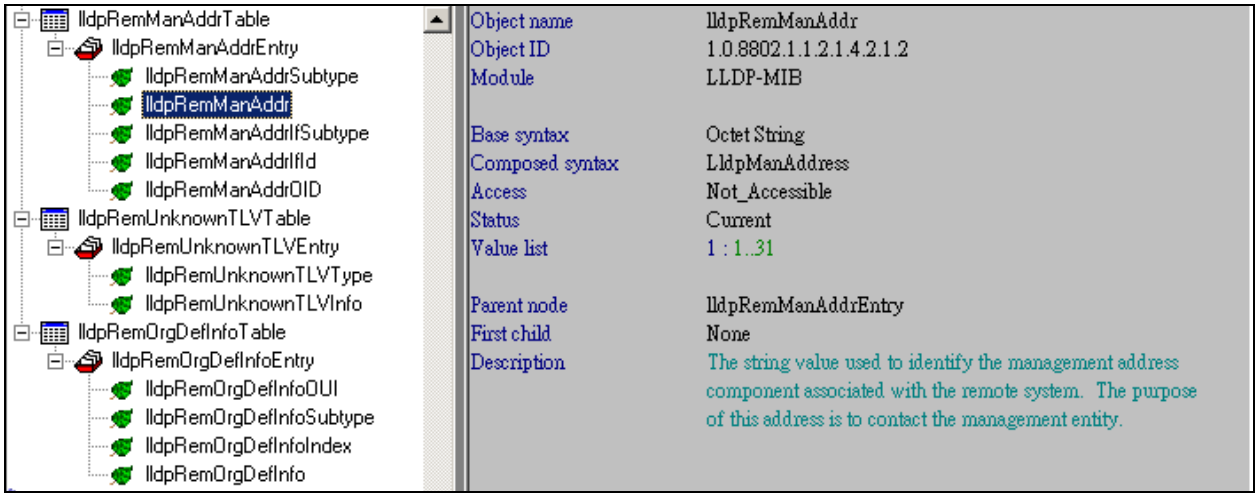

lldpRemoteSystemsData
lldpRemTable
lldpRemEntry
lldpRemTimeMark
lldpRemLocalPortNum
lldpRemIndex
lldpRemChassisIdSubtype
lldpRemChassisId
lldpRemPortIdSubtype
lldpRemPortId
lldpRemPortDesc
lldpRemSysName
lldpRemSysDesc
lldpRemSysCapSupported
lldpRemSysCapEnabled
Object name lldpRemSysDesc
Object ID 1.0.8802.1.1.2.1.4.1.1.10
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.

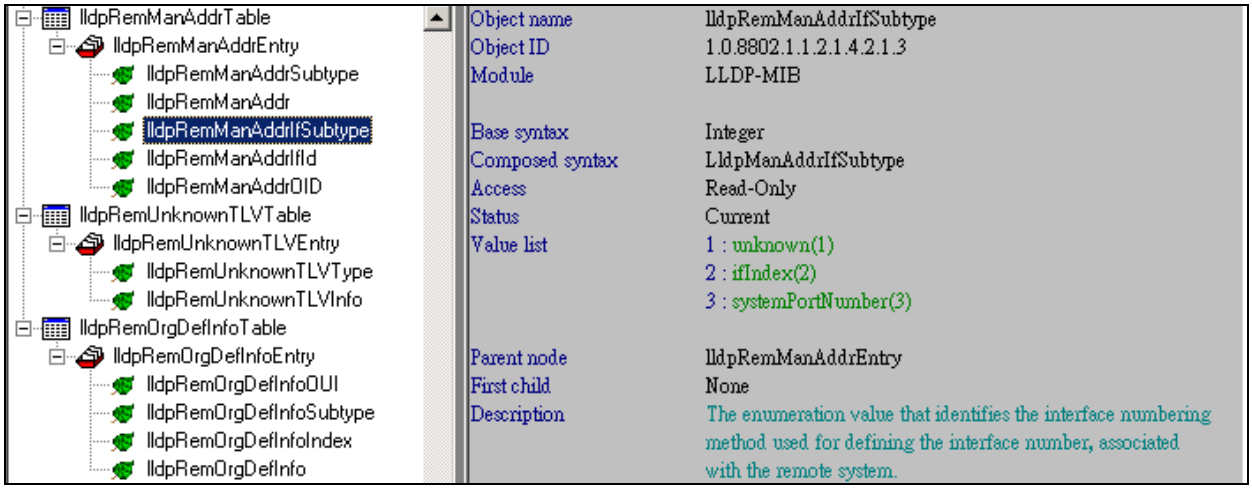

lldpRemoteSystemsData
lldpRemTable
lldpRemEntry
lldpRemTimeMark
lldpRemLocalPortNum
lldpRemIndex
lldpRemChassisIdSubtype
lldpRemChassisId
lldpRemPortIdSubtype
lldpRemPortId
lldpRemPortDesc
lldpRemSysName
lldpRemSysDesc
lldpRemSysCapSupported
lldpRemSysCapEnabled
Object name lldpRemSysCapSupported
Object 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.

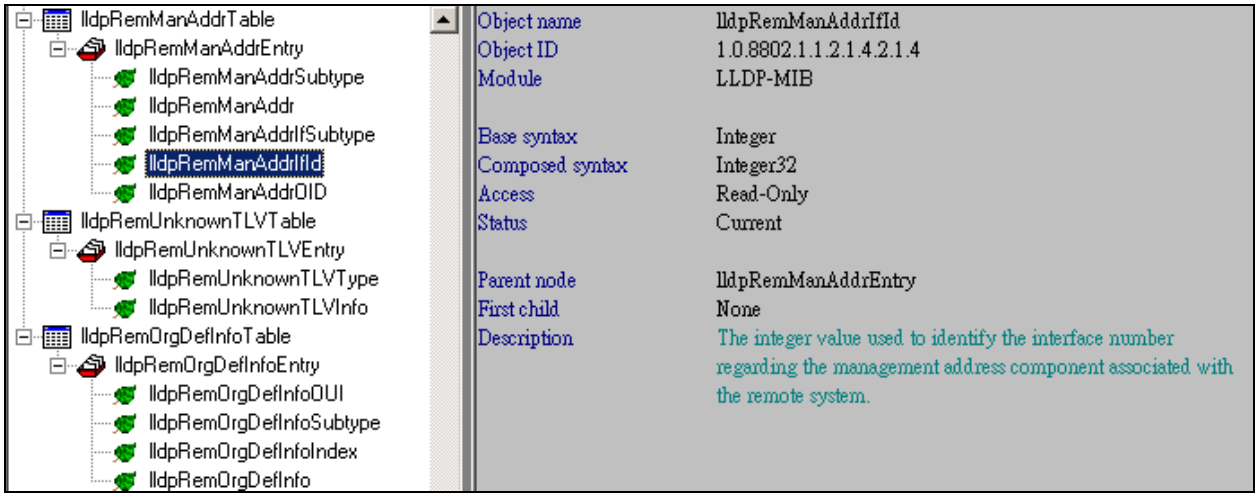

lldpRemoteSystemsData
lldpRemTable
lldpRemEntry
lldpRemTimeMark
lldpRemLocalPortNum
lldpRemIndex
lldpRemChassisIdSubtype
lldpRemChassisId
lldpRemPortIdSubtype
lldpRemPortId
lldpRemPortDesc
lldpRemSysName
lldpRemSysDesc
lldpRemSysCapSupported
lldpRemSysCapEnabled
Object name lldpRemSysCapEnabled
Object 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.

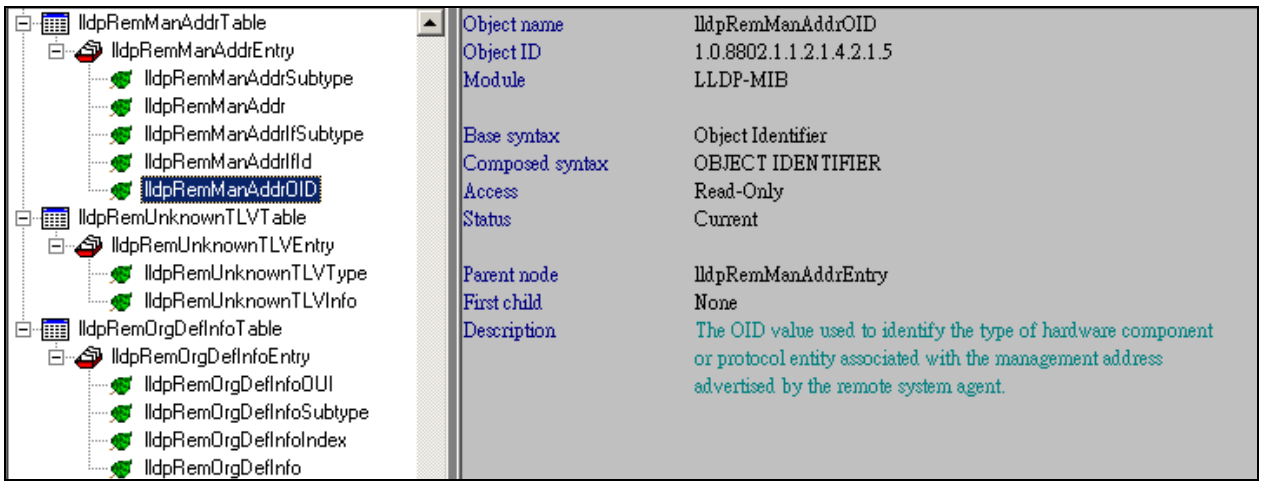

lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
lldpRemManAddrIfSubtype
lldpRemManAddrIfId
lldpRemManAddrOID
lldpRemUnknownTLVTable
lldpRemUnknownTLVEntry
lldpRemUnknownTLVType
lldpRemUnknownTLVInfo
lldpRemOrgDefInfoTable
lldpRemOrgDefInfoEntry
lldpRemOrgDefInfoOUI
lldpRemOrgDefInfoSubtype
lldpRemOrgDefInfoIndex
lldpRemOrgDefInfo
lldpExtensions
Object name lldpRemManAddrTable
Object ID 1.0.8802.1.1.2.1.4.2
Module LLDP-MIB
Base syntax Sequence Of lldpRemManAddrEntry
Access Not_Accessible
Status Current
Sequence 1:lldpRemManAddrSubtype - Integer
2:lldpRemManAddr - Octet String
3:lldpRemManAddrIfSubtype - Integer
4:lldpRemManAddrIfId - Integer
5:lldpRemManAddrOID - 0
Parent node lldpRemoteSystemsData
First child lldpRemManAddrEntry
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.

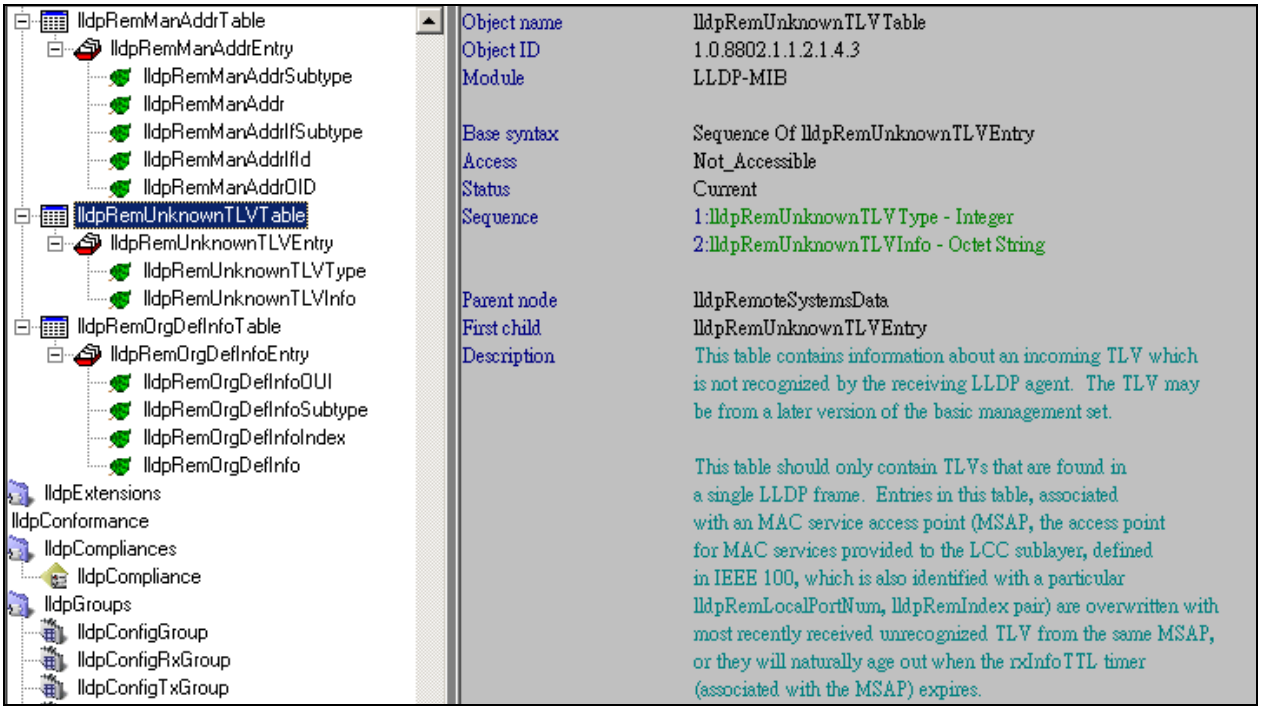

lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
lldpRemManAddrIfSubtype
lldpRemManAddrIfId
lldpRemManAddrOID
lldpRemUnknownTLVTable
lldpRemUnknownTLVEntry
lldpRemUnknownTLVType
lldpRemUnknownTLVInfo
lldpRemOrgDefInfoTable
lldpRemOrgDefInfoEntry
lldpRemOrgDefInfoOUI
lldpRemOrgDefInfoSubtype
lldpRemOrgDefInfoIndex
lldpRemOrgDefInfo
lldpExtensions
lldpConformance
lldpCompliances
lldpCompliance
lldpGroups
lldpConfigGroup
lldpConfigRxGroup
lldpConfigTxGroup
lldpStatsRxGroup
lldpStatsTxGroup
lldpLocSysGroup
lldpRemSysGroup
lldpNotificationsGroup
Object name lldpRemManAddrSubtype
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 : decnetIV(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 : fibreChannelWWNN(23)
25 : gwid(24)
26 : afi(25)
27 : reserved(65535)
Parent node lldpRemManAddrEntry
First child None
Description The type of management address identifier encoding used in the associated 'lldpRemManagmentAddr' object.

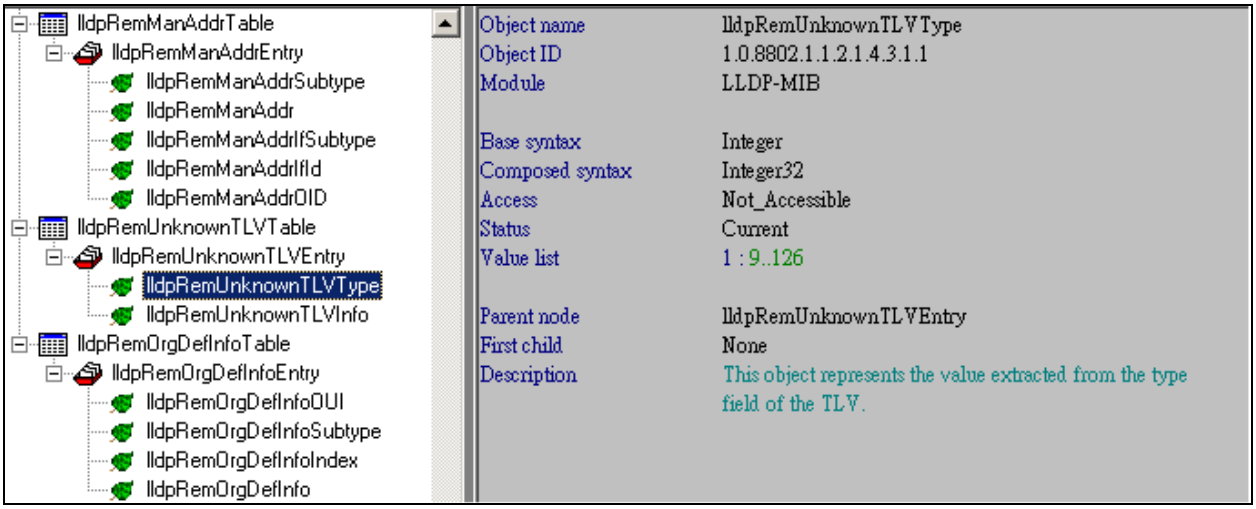

lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
lldpRemManAddrIfSubtype
lldpRemManAddrIfId
lldpRemManAddrOID
lldpRemUnknownTLVTable
lldpRemUnknownTLVEntry
lldpRemUnknownTLVType
lldpRemUnknownTLVInfo
lldpRemOrgDefInfoTable
lldpRemOrgDefInfoEntry
lldpRemOrgDefInfoOUI
lldpRemOrgDefInfoSubtype
lldpRemOrgDefInfoIndex
lldpRemOrgDefInfo
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
First child None
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.

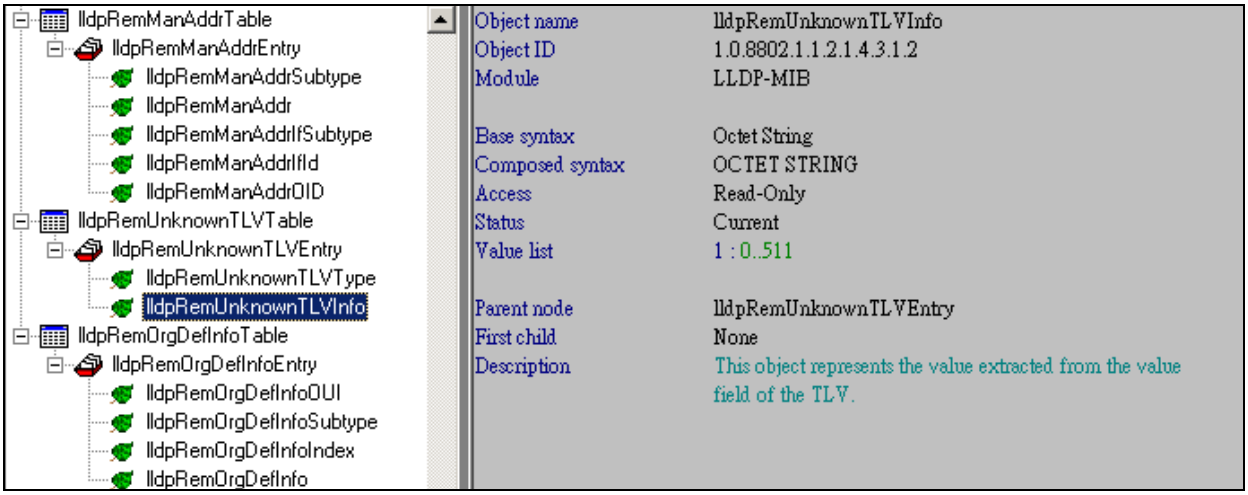

lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
lldpRemManAddrIfSubtype
lldpRemManAddrIfId
lldpRemManAddrOID
lldpRemUnknownTLVTable
lldpRemUnknownTLVEntry
lldpRemUnknownTLVType
lldpRemUnknownTLVInfo
lldpRemOrgDefInfoTable
lldpRemOrgDefInfoEntry
lldpRemOrgDefInfoOUI
lldpRemOrgDefInfoSubtype
lldpRemOrgDefInfoIndex
lldpRemOrgDefInfo
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
First child None
Description The enumeration value that identifies the interface numbering method used for defining the interface number, associated with the remote system.

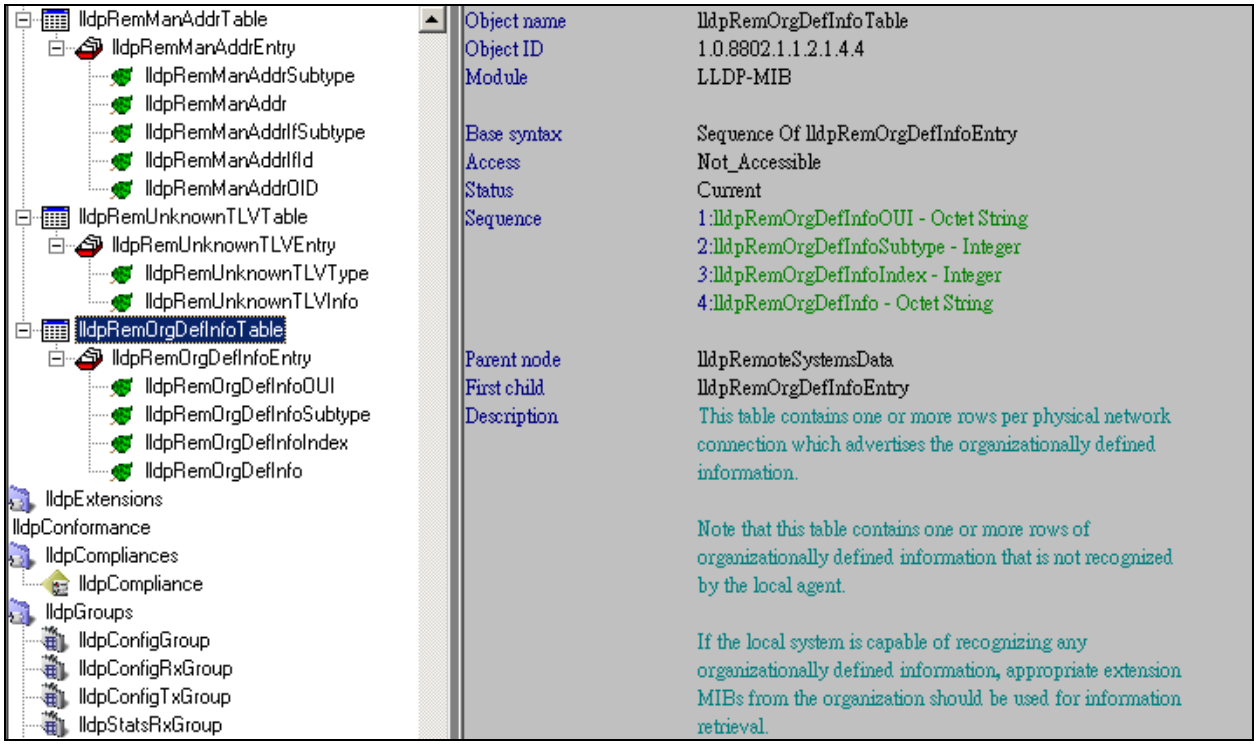

lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
lldpRemManAddrIfSubtype
lldpRemManAddrIfId
lldpRemManAddrOID
lldpRemUnknownTLVTable
lldpRemUnknownTLVEntry
lldpRemUnknownTLVType
lldpRemUnknownTLVInfo
lldpRemOrgDefInfoTable
lldpRemOrgDefInfoEntry
lldpRemOrgDefInfoOUI
lldpRemOrgDefInfoSubtype
lldpRemOrgDefInfoIndex
lldpRemOrgDefInfo
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.

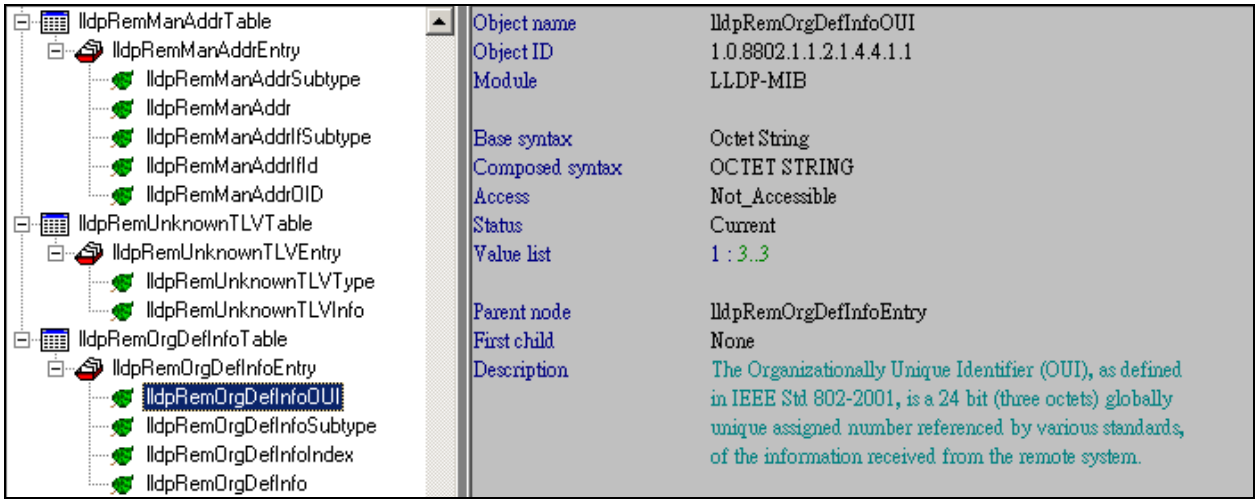

lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
lldpRemManAddrIfSubtype
lldpRemManAddrIfId
lldpRemManAddrOID
lldpRemUnknownTLVTable
lldpRemUnknownTLVEntry
lldpRemUnknownTLVType
lldpRemUnknownTLVInfo
lldpRemOrgDefInfoTable
lldpRemOrgDefInfoEntry
lldpRemOrgDefInfoOUI
lldpRemOrgDefInfoSubtype
lldpRemOrgDefInfoIndex
lldpRemOrgDefInfo
Object name lldpRemManAddrOID
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 lldpRemManAddrEntry
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.


lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
lldpRemManAddrIfSubtype
lldpRemManAddrIfId
lldpRemManAddrOID
lldpRemUnknownTLVTable
lldpRemUnknownTLVEntry
lldpRemUnknownTLVType
lldpRemUnknownTLVInfo
lldpRemOrgDefInfoTable
lldpRemOrgDefInfoEntry
lldpRemOrgDefInfoOUI
lldpRemOrgDefInfoSubtype
lldpRemOrgDefInfoIndex
lldpRemOrgDefInfo
lldpExtensions
lldpConformance
lldpCompliances
lldpCompliance
lldpGroups
lldpConfigGroup
lldpConfigRxGroup
lldpConfigTxGroup
Object name lldpRemUnknownTLVTable
Object ID 1.0.8802.1.1.2.1.4.3
Module LLDP-MIB
Base syntax Sequence Of lldpRemUnknownTLVEntry
Access Not_Accessible
Status Current
Sequence 1:lldpRemUnknownTLVType - Integer
2:lldpRemUnknownTLVInfo - Octet String
Parent node lldpRemoteSystemsData
First child lldpRemUnknownTLVEntry
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 lldpRemLocalPortNum, lldpRemIndex 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.


lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
lldpRemManAddrIfSubtype
lldpRemManAddrIfId
lldpRemManAddrOID
lldpRemUnknownTLVTable
lldpRemUnknownTLVEntry
lldpRemUnknownTLVType
lldpRemUnknownTLVInfo
lldpRemOrgDefInfoTable
lldpRemOrgDefInfoEntry
lldpRemOrgDefInfoOUI
lldpRemOrgDefInfoSubtype
lldpRemOrgDefInfoIndex
lldpRemOrgDefInfo
Object name lldpRemUnknownTLVType
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 lldpRemUnknownTLVEntry
First child None
Description This object represents the value extracted from the type field of the TLV.


lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
lldpRemManAddrIfSubtype
lldpRemManAddrIfId
lldpRemManAddrOID
lldpRemUnknownTLVTable
lldpRemUnknownTLVEntry
lldpRemUnknownTLVType
lldpRemUnknownTLVInfo
lldpRemOrgDefInfoTable
lldpRemOrgDefInfoEntry
lldpRemOrgDefInfoOUI
lldpRemOrgDefInfoSubtype
lldpRemOrgDefInfoIndex
lldpRemOrgDefInfo
Object name lldpRemUnknownTLVInfo
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 lldpRemUnknownTLVEntry
First child None
Description This object represents the value extracted from the value field of the TLV.


lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
lldpRemManAddrIfSubtype
lldpRemManAddrIfId
lldpRemManAddrOID
lldpRemUnknownTLVTable
lldpRemUnknownTLVEntry
lldpRemUnknownTLVType
lldpRemUnknownTLVInfo
lldpRemOrgDefInfoTable
lldpRemOrgDefInfoEntry
lldpRemOrgDefInfoOUI
lldpRemOrgDefInfoSubtype
lldpRemOrgDefInfoIndex
lldpRemOrgDefInfo
lldpExtensions
lldpConformance
lldpCompliances
lldpCompliance
lldpGroups
lldpConfigGroup
lldpConfigRxGroup
lldpConfigTxGroup
lldpStatsRxGroup
Object name lldpRemOrgDefInfoTable
Object ID 1.0.8802.1.1.2.1.4.4
Module LLDP-MIB
Base syntax Sequence Of lldpRemOrgDefInfoEntry
Access Not_Accessible
Status Current
Sequence 1:lldpRemOrgDefInfoOUI - Octet String
2:lldpRemOrgDefInfoSubtype - Integer
3:lldpRemOrgDefInfoIndex - Integer
4:lldpRemOrgDefInfo - Octet String
Parent node lldpRemoteSystemsData
First child lldpRemOrgDefInfoEntry
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.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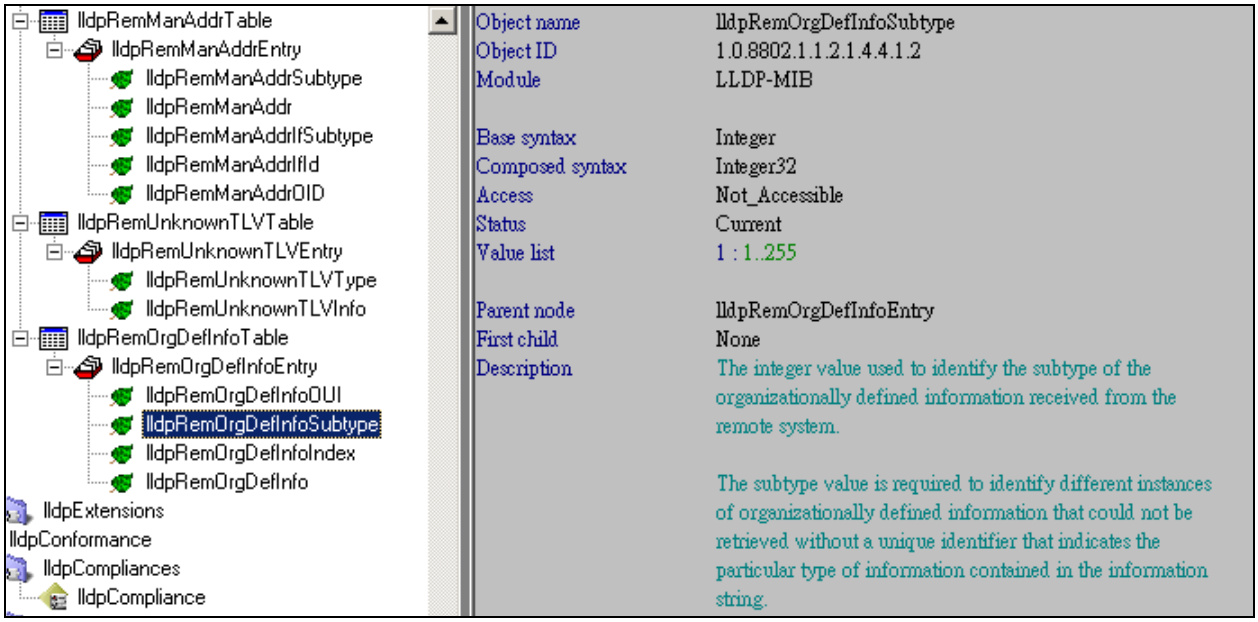
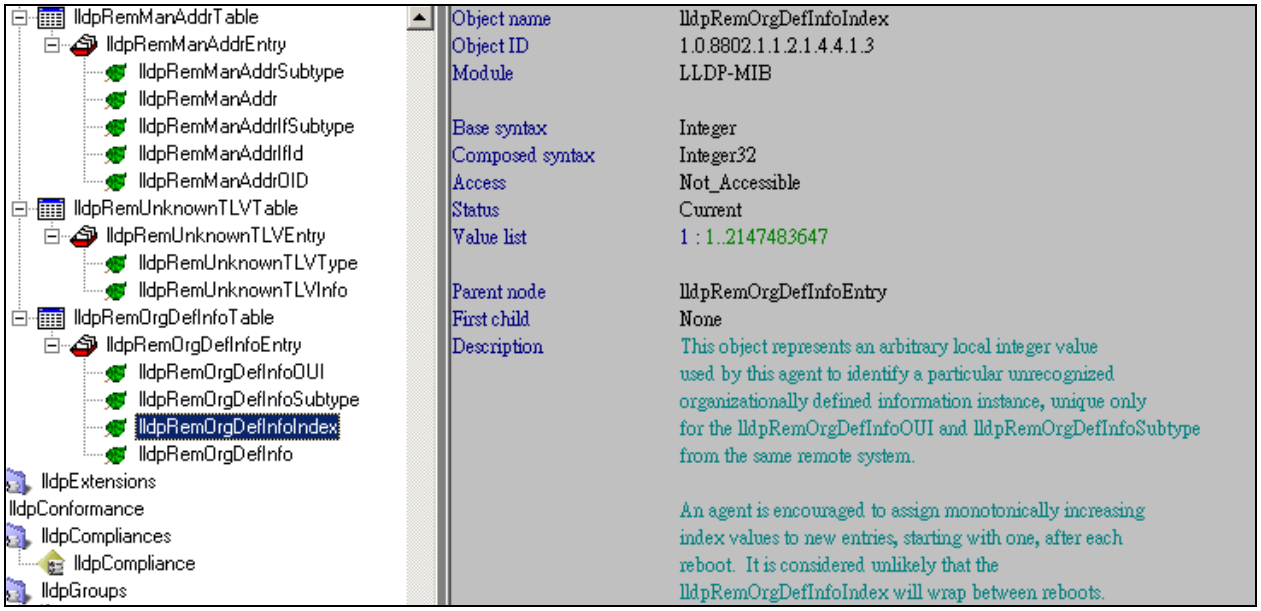
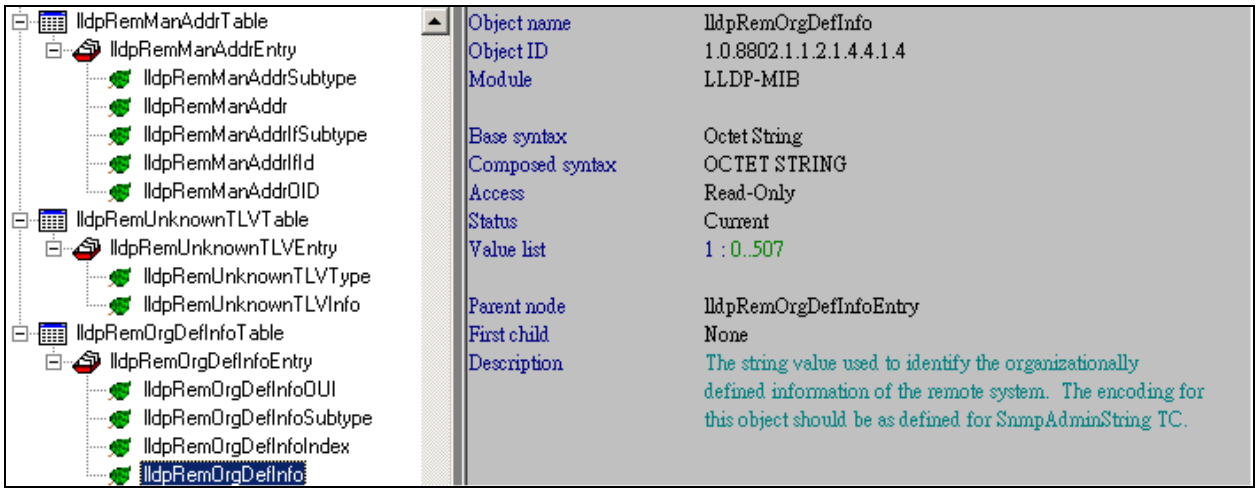
lldpRemManAddr
lldpRemManAddrIfSubtype
lldpRemManAddrIfId
lldpRemManAddrOID
lldpRemUnknownTLVTable
lldpRemUnknownTLVEntry
lldpRemUnknownTLVType
lldpRemUnknownTLVInfo
lldpRemOrgDefInfoTable
lldpRemOrgDefInfoEntry
lldpRemOrgDefInfoOUI
lldpRemOrgDefInfoSubtype
lldpRemOrgDefInfoIndex
lldpRemOrgDefInfo
Object name lldpRemOrgDefInfoOUI
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 lldpRemOrgDefInfoEntry
First child None
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.


lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
lldpRemManAddrIfSubtype
lldpRemManAddrIfId
lldpRemManAddrOID
lldpRemUnknownTLVTable
lldpRemUnknownTLVEntry
lldpRemUnknownTLVType
lldpRemUnknownTLVInfo
lldpRemOrgDefInfoTable
lldpRemOrgDefInfoEntry
lldpRemOrgDefInfoOUI
lldpRemOrgDefInfoSubtype
lldpRemOrgDefInfoIndex
lldpRemOrgDefInfo
lldpExtensions
lldpConformance
lldpCompliances
lldpCompliance
Object name lldpRemOrgDefInfoSubtype
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 lldpRemOrgDefInfoEntry
First child None
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.


lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
lldpRemManAddrIfSubtype
lldpRemManAddrIfId
lldpRemManAddrOID
lldpRemUnknownTLVTable
lldpRemUnknownTLVEntry
lldpRemUnknownTLVType
lldpRemUnknownTLVInfo
lldpRemOrgDefInfoTable
lldpRemOrgDefInfoEntry
lldpRemOrgDefInfoOUI
lldpRemOrgDefInfoSubtype
lldpRemOrgDefInfoIndex
lldpRemOrgDefInfo
lldpExtensions
lldpConformance
lldpCompliances
lldpCompliance
lldpGroups
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 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.
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.


lldpRemManAddrTable
lldpRemManAddrEntry
lldpRemManAddrSubtype
lldpRemManAddr
lldpRemManAddrIfSubtype
lldpRemManAddrIfId
lldpRemManAddrOID
lldpRemUnknownTLVTable
lldpRemUnknownTLVEntry
lldpRemUnknownTLVType
lldpRemUnknownTLVInfo
lldpRemOrgDefInfoTable
lldpRemOrgDefInfoEntry
lldpRemOrgDefInfoOUI
lldpRemOrgDefInfoSubtype
lldpRemOrgDefInfoIndex
lldpRemOrgDefInfo
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 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.