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ADSL-TC-MIB DEFINITIONS ::= BEGIN

IMPORTS

transmission,
MODULE-IDENTITY,
Gauge32
FROM SNMPv2-SMI
TEXTUAL-CONVENTION
FROM SNMPv2-TC;

adsltcMIB MODULE-IDENTITY

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"

DESCRIPTION

"The MIB module which provides a ADSL
Line Coding Textual Convention to be used
by ADSL Lines."

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DESCRIPTION

"Initial Version, published as RFC 2662"

-- 1.3.6.1.2.1.10.94.2 -- ::= { transmission 94 2 }
-- adslMIB 2

AdslLineCodingType ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"This data type is used as the syntax for the ADSL
Line Code."

SYNTAX INTEGER {
other(1), -- none of the following
dmt(2), -- Discrete MultiTone
cap(3), -- Carrierless Amplitude & Phase modulation
qam(4) -- Quadrature Amplitude Modulation
}

AdslPerfCurrDayCount ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"A counter associated with interface performance
measurements in a current 1-day (24 hour) measurement
interval.

The value of this counter starts at zero at the
beginning of an interval and is increased when
associated events occur, until the end of the

1-day interval. At that time the value of the counter is stored in the previous 1-day history interval, if available, and the current interval counter is restarted at zero.

In the case where the agent has no valid data available for this interval the corresponding object instance is not available and upon a retrieval request a corresponding error message shall be returned to indicate that this instance does not exist (for example, a `noSuchName` error for `SNMPv1` and a `noSuchInstance` for `SNMPv2 GET` operation)."

SYNTAX Gauge32

AdslPerfPrevDayCount ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"A counter associated with interface performance measurements during the most previous 1-day (24 hour) measurement interval. The value of this counter is equal to the value of the current day counter at the end of its most recent interval.

In the case where the agent has no valid data available for this interval the corresponding object instance is not available and upon a retrieval request a corresponding error message shall be returned to indicate that this instance does not exist (for example, a `noSuchName` error for `SNMPv1` and a `noSuchInstance` for `SNMPv2 GET` operation)."

SYNTAX Gauge32

AdslPerfTimeElapsed ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"The number of seconds that have elapsed since the beginning of the current measurement period. If, for some reason, such as an adjustment in the system's time-of-day clock, the current interval exceeds the maximum value, the agent will return the maximum value."

SYNTAX Gauge32

END

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