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| IEEE 802.1 REVISION REQUEST 0153 |
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DATE: 7 January 2015
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REQUESTED REVISION:

STANDARD: 802.1AB-2009
CLAUSE NUMBER: F.6.5
CLAUSE TITLE: IEEE 802.3 LLDP extension MIB module-version 2

RATIONALE FOR REVISION:

The size of lldpV2Xdot3LocPortAutoNegAdvertisedCap and lldpV2Xdot3RemPortAutoNegAdvertisedCap is OCTET STRING(SIZE(2)) and their descriptions refer to ifMauAutoNegCapAdvertisedBits in RFC 3636.

RFC 3636 was obsoleted by RFC 4836, in which the SYNTAX of ifMauAutoNegCapAdvertisedBits is IANAifMauAutoNegCapBits. The current IANAifMauAutoNegCapBits (<http://www.iana.org/assignments/ianamau-mib/ianamau-mib>) has 22 bits, too many for two octets.

PROPOSED REVISION TEXT:

Change the SYNTAX and DESCRIPTION of lldpV2Xdot3LocPortAutoNegAdvertisedCap and lldpV2Xdot3RemPortAutoNegAdvertisedCap as follows:

lldpV2Xdot3LocPortAutoNegAdvertisedCap OBJECT-TYPE

SYNTAX IANAifMauAutoNegCapBits
MAX-ACCESS read-only
STATUS current

DESCRIPTION

"This object contains the value (bitmap) of the ifMauAutoNegCapAdvertisedBits object (defined in IETF RFC 4836) which is associated with the given port on the local system."

REFERENCE

"F.2.2"

::= { lldpV2Xdot3LocPortEntry 3 }

lldpV2Xdot3RemPortAutoNegAdvertisedCap OBJECT-TYPE

SYNTAX IANAifMauAutoNegCapBits
MAX-ACCESS read-only
STATUS current

DESCRIPTION

"This object contains the value (bitmap) of the ifMauAutoNegCapAdvertisedBits object (defined in IETF RFC 4836) which is associated with the given port on the remote system."

REFERENCE

"F.2.2"

::= { lldpV2Xdot3RemPortEntry 3 }

IMPACT ON EXISTING NETWORKS:

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| Please attach supporting material, if any |
| Submit to:- Glenn Parsons, Chair IEEE 802.1 |
| and copy:- John Messenger, Vice-Chair IEEE 802.1 |
| E-Mail: stds-802-1-maint-req@ieee.org |
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+----- For official 802.1 use -----+
| REV REQ NUMBER: 0153 |
| DATE RECEIVED: 7 January 2015 |
| EDITORIAL/TECHNICAL |
| ACCEPTED/DENIED |
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