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| IEEE 802.1 REVISION REQUEST 0154                                     |
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DATE: 7 January 2015
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REQUESTED REVISION:
     STANDARD: 802.1X-2010
     CLAUSE NUMBER: 13.5
     CLAUSE TITLE: Definitions for PAE MIB

RATIONALE FOR REVISION:
The MAX-ACCESS of ieee8021XPaePortAuthenticatorEnable and ieee8021XPaePortSupplicantEnable
is read-only. Their descriptions state that they are read-only if their corresponding
capabilities bits are off. However, they need to be read-write (like the rest of the
enable/disable objects in the same table) in case their capabilities bits are on, since they
are used for enabling or disabling the authenticator and the supplicant roles.

PROPOSED REVISION TEXT:

```
ieee8021XPaePortAuthenticatorEnable OBJECT-TYPE
    SYNTAX          TruthValue
    MAX-ACCESS      read-write
    STATUS          current
    DESCRIPTION
        "Enable or disable to the Authenticator function in this PAE.

        This object will be read only and returns 'false' if the value
        of the object ieee8021XPaePortCapabilities in the same row has
        the bit 'authImplemented' Off."
    REFERENCE       "802.1X Clause 8.4, Figure 12-3"
    ::= { ieee8021XPaePortEntry 14 }


ieee8021XPaePortSupplicantEnable OBJECT-TYPE
    SYNTAX          TruthValue
    MAX-ACCESS      read-write
    STATUS          current
    DESCRIPTION
        "Enable or disable to the Supplicant function in this PAE.

        This object will be read only and returns 'false' if the value
        of the object ieee8021XPaePortCapabilities in the same row has
        the bit 'suppImplemented' off."
    REFERENCE       "802.1X Clause 8.4, Figure 12-3"
    ::= { ieee8021XPaePortEntry 15 }
```

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                   |
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|      E-Mail: stds-802-1-maint-req@ieee.org                         |
|                                                                    |
|           +------- For official 802.1 use -----------+            |
|           | REV REQ NUMBER: 0154                      |            |
|           | DATE RECEIVED: 7 January 2015             |            |
|           | EDITORIAL/TECHNICAL                       |            |
|           | ACCEPTED/DENIED                           |            |
|           | BALLOT REQ'D YES/NO            -2-         |            |
|           | Status: R                                 |            |
|           +-------------------------------------------+            |
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