IEEE 802.1 Maintenance Request
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| IEEE 802.1 REVISION REQUEST 0034                                  |
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DATE: 21st June 2012
NAME: Tony Jeffree
COMPANY/AFFILIATION: HP/Broadcom
E-MAIL: tony@jeffree.co.uk


REQUESTED REVISION:
    STANDARD: 802.1AB-2009
    CLAUSE NUMBER: 8.5.8
    CLAUSE TITLE: System Capabilities TLV


RATIONALE FOR REVISION:

(Notified to me by U Arunkumar - ukarun.u@gmail.com)

In Figure 8-10, the TLV Information String length is shown as 4 but
the TLV Information String shows 3 fields and a total of 5 octets. It
looks to me as if the chassis ID subtype field has crept into this
diagram during the revision - this field does not appear in the 2005
version of the standard.


Mr Arunkumar also asks: "MAC Service Access Point (MSAP) is normally a
concatenated value of Chassis ID and Port ID which is used in the
transmission and reception of LLDPDUs. In  IEEE 802.1AB 2009 standard,
there is a possibility to have multiple (agents) instances running on
same interface (for Nearest Bridge/ Nearest non-TPMR Bridge/Nearest
Customer Bridge).

Our understanding is that the MSAP will be common for all the agents
running on the same port.
i.e. the MSAP ID will be that of the common MSAP of the port (between
the MAC entity and Mux/Demux shim and not the MSAP between the
Mux/Demux shim and LLC as per figure 6-7).

Please let us know if our understanding is correct. If the MSAP ID not
going to be the same of the multiple LLDP agents on a port, could you
enlighten us on how the unique MSAP ID will be derived."

 PROPOSED REVISION TEXT:

Strike the chassis ID field from the diagram.

Possibly a need to clarify the text in 6.7. At the very least, the
reference to (7.2) in the first para doesn't seem to be quite right to
me.

 IMPACT ON EXISTING NETWORKS:

Not clear.

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|  Please attach supporting material, if any                        |
|  Submit to:- Tony Jeffree, Chair IEEE 802.1                        |
|   and copy:- Paul Congdon, 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:                           |         |
|              | DATE RECEIVED:                            |         |
|              | EDITORIAL/TECHNICAL                       |         |
|              | ACCEPTED/DENIED                           |         |
|              | BALLOT REQ'D YES/NO                       |         |
|              | Status: X                                 |         |
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