

Title: Liaison response to ITU-T SG15 LS-105: Standardisation Work Plan feedback
From: IEEE 802.1
For: Action
Contacts: Glenn Parsons, Chair, IEEE 802.1 (glenn.parsons@ericsson.com)
To: ITU-T Study Group 15 (tsbsg15@itu.int)
Takuya Ohara (Rapporteur Q3/15), ohara.takuya@lab.ntt.co.jp

Mr. Ohara,

We would like to provide some feedback to your LS-105.

Please note that 802.1Q-2014 has recently been approved, incorporating IEEE Std 802.1Q™-2011, IEEE Std 802.1Qbe™-2011, IEEE Std 802.1Qbc™-2011, IEEE Std 802.1Qbb™-2011, IEEE Std 802.1Qaz™-2011, IEEE Std 802.1Qbf™-2011, IEEE Std 802.1Qbg™-2012, IEEE Std 802.1aq™-2012, IEEE Std 802.1Q™-2011/Cor 2-2012, and IEEE Std 802.1Qbp™-2014. The standard includes much functionality previously specified in 802.1D.

Further, approval of 802.1AX-2014 incorporating Distributed Resilient Network Interconnect is expected prior to the end of the year.

In addition find below specific comments on the Standardisation work plan.

5.6.1.7

- ❖ 802.1aq was approved in March 2012.
- ❖ 802.1CB “Frame Replication and Elimination for Reliability” is a draft standard with applications in the area of protection. It specifies procedures, managed objects and protocols for bridges and end stations that provide:
 - Identification and replication of frames, for redundant transmission.
 - Identification of duplicate frames.
 - Elimination of duplicate frames.

5.6.1.10

- ❖ Maintenance
 - Add 802.1AS/Cor-2: 802.1AS-2011 Technical and Editorial Corrections
- ❖ Interworking
 - Remove 802-REV - Overview & Architecture revision (approved June 30th, 2014)
 - Remove 802.1Qbp - Equal Cost Multiple Paths (approved March 27th, 2014)
 - Remove 802.1Q-Rev- 802.1Q – Revision (approved November 3rd, 2014)
- ❖ Security

- Add 802.1ARce – Secure Device Identity - SHA-384 and P-384 Elliptic Curve

Table 5-1 item 3: add Quality of Service to 802.1

Table 5-3:

- ❖ Architecture: the only relevant 802.1 standards are IEEE Std 802, 802.1D, 802.1Q, 802.1AC.
- ❖ OAM/Protection: add 802.1AX; replace the 802.1Q amendments with 802.1Q-2014; add 802.1CB.
- ❖ Management: Only list 802.1Q and 802.1AX

Table 7-1-3: replace 802.1Q references with 802.1Q-2014; remove duplicated 802.1AX-2008 entry.

Table 8-1: IEEE 802.1 is not aware of any ongoing discussions on item 3 and we propose that it be removed