

From: IEEE P802.1
To: IEEE P802.3ah

Subject: Higher layer compatibility of PONs and existing 802.3 devices

The 802.1 Working Group has received your inquiry about the suitability of <http://www.ieee802.org/1/mirror/8021/docs2002/pon-model-4.pdf>, sections 2.5 and 2.6, as a baseline for providing higher layer compatibility between an EPON medium and existing 802.3 devices. In answer to your questions:

1. This document does appear to provide higher-layer compatibility with existing 802.3 devices.
2. Subject to further discussion on such details as the placement of output queues, this document appears to provide an adequate interface to partition IEEE P802.3ah and the requested IEEE 802.1 standard.
3. Should IEEE 802.3 so request, IEEE 802.1 will raise a PAR to develop this standard.

Proposed: Finn

Seconded: Wright

For: 9 Against: 0 Abstain: 1

Tony Jeffree

chair, IEEE P802.1