

From: IEEE P802.3ah
To: IEEE 802.1
Subject: Higher layer compatibility of PONs and existing 802.3 devices

IEEE P802.3ah P2MP Sub-Task Force has adopted <http://www.ieee802.org/1/mirror/8021/docs2002/pon-model-4.pdf>, sections 2.5 and 2.6, as the baseline for providing higher layer compatibility between an EPON medium and existing 802.3 devices, in the hopes that IEEE 802.1 could create a specification for the “Upper-Layer Shared LAN Emulation” module in this document. IEEE P802.3ah solicits the opinion of IEEE 802.1 on this decision. Specifically:

1. Does this document, in fact, provide higher-layer compatibility with existing 802.3 devices?
2. Does this document provide an adequate interface to partition IEEE P802.3ah and the requested IEEE 802.1 standard?
3. If this document is adequate, can IEEE 802.1 commit to developing this standard?