

IEEE 802.3.1 Ethernet MIB modules Task Force Closing Report

IEEE 802.3 Ethernet Working Group

15-March-2012

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Reflector and web

- email reflector and archive established
 - stds-802-3-mib@listserv.ieee.org
- Web page
 - <http://www.ieee802.org/3/1/>
- Private web area (for draft documents)
 - <http://www.ieee802.org/3/1/private/>
 - username: XXXXXX
 - password: XXXXXX

Project Objectives

- Revise IEEE Std 802.3.1-2011→P802.3.1Rev
- Update the GDMO and SMIv2 MIB module definitions to reflect the changes from:
 - 802.3at (PoE+)
 - 802.3av (10GE PON)
 - 802.3az (EEE)
 - 802.3ba (40G/100G)
 - 802.3bc (LLDP extensions)
 - 802.3bd (PFC)
 - 802.3bf (Time Sync)
 - 802.3bg (40G Serial)
- Produce draft standard plus machine-readable extracts of SMIv2 modules

Activities this week

- Met briefly Thursday morning
 - 10 attendees
 - Reviewed correspondence from E. Belli and D. Romascanu regarding Clause 11 IEEE8023-IF-CAP-STACK-MIB and ITU-T GBOND-MIB
- Adopted the following response, which is to be communicated to E. Belli, D. Romascanu, and ITU-T Q4/15:

Activities this week

- IEEE 802.3.1 MIB modules for Ethernet is an active project with the responsibility for ongoing maintenance of the Ethernet MIB modules. To our knowledge, the IETF does not have an active project or working group to perform this work.
- Rather than removing the IEEE8023-IF-CAP-STACK-MIB module definition from 802.3.1 and referencing the IF-CAP-STACK-MIB module as defined in the RFC 5066, we suggest that the GBOND-MIB module reference the IEEE8023-IF-CAP-STACK-MIB module defined in IEEE Std 802.3.1.
- The IEEE 802.3.1 Ethernet MIB modules Task Force is ready and willing to consider any and all proposals for updates or modifications to the IEEE8023-IF-CAP-STACK-MIB and ieee8023efmCuMIB modules that may be required to support ITU-T G.998.2 and any other “Ethernet over xDSL” recommendations. As an example, the extensions to the GBOND-MIB module described in draft-ietf-adslmib-gbond-eth-mib-06 could be candidates for inclusion in IEEE Std 802.3.1, and could be submitted as comments on the currently open revision project.

Plan of action

- Send the communication as shown on previous slide
- Implement the changes that resulted from the resolution of comments on D1.0 (this action is past due)
- Conduct a Working Group recirculation ballot on D1.1 (this action is past due)
- Lather, rinse, repeat
- Plan to proceed to sponsor ballot after July meeting

Next meeting

- May interim meeting
 - Monday, May 13th , 2012
 - Minneapolis, MN
 - Hosted by Cisco
 - Consider and respond to comments from WG recirculation ballot