

# **IEEE 802.3.1 Ethernet MIB modules Task Force Opening Report**

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IEEE 802.3 Ethernet Working Group

12-March-2012

Waikoloa, HI

# Reflector and web

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- email reflector and archive established
  - [stds-802-3-mib@listserv.ieee.org](mailto: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 since November plenary

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- Met for ½ day in January
- 10 attendees
- Reviewed and resolved 38 comments on D1.0
- Ballot statistics

|            | D1.0 |        |      |
|------------|------|--------|------|
| Voters     | 145  |        |      |
| Approve    | 57   | 98.28% | Pass |
| Disapprove | 1    |        |      |
| Abstain    | 23   | 28.40% |      |
| Returns    | 81   | 55.86% |      |

# Lack of activity

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- Did not produce D1.1
- Did not conduct a working group recirculation ballot

# Plan for the week

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- Meet Thursday morning
  - 9:00 am to noon
  - Review request to move IEEE8023-IF-CAP-STACK-MIB to a new OID
  - Decide whether or not to restructure draft to accommodate the move

**Table 1: OID root and branch assignments for IEEE P802.3.1 MIB modules**

| Clause | Module                   | Root   | Branch |
|--------|--------------------------|--|--------|
| 5      | ieee8023lldpV2Xdot3MIB   | { iso (1) iso-identified-organization (3) ieee (111) standards-association-numbered-series-standards (2) lan-man-stds (802) ieee802dot3(3) ieee802dot3dot1mibs (1)                   | 5 }    |
| 6      | ieee8023Dot3OamMIB       | { iso (1) iso-identified-organization (3) ieee (111) standards-association-numbered-series-standards (2) lan-man-stds (802) ieee802dot3(3) ieee802dot3dot1mibs (1)                   | 6 }    |
| 7      | ieee8023snmpRptrMIB      | { iso (1) iso-identified-organization (3) ieee (111) standards-association-numbered-series-standards (2) lan-man-stds (802) ieee802dot3(3) ieee802dot3dot1mibs (1)                   | 7 }    |
| 8      | ieee8023powerEthernetMIB | { iso (1) iso-identified-organization (3) ieee (111) standards-association-numbered-series-standards (2) lan-man-stds (802) ieee802dot3(3) ieee802dot3dot1mibs (1)                   | 8 }    |
| 9      | ieee8023dot3EponMIB      | { iso (1) iso-identified-organization (3) ieee (111) standards-association-numbered-series-standards (2) lan-man-stds (802) ieee802dot3(3) ieee802dot3dot1mibs (1)                   | 9 }    |
| 10     | ieee8023etherMIB         | { iso (1) iso-identified-organization (3) ieee (111) standards-association-numbered-series-standards (2) lan-man-stds (802) ieee802dot3(3) ieee802dot3dot1mibs (1)                   | 10 }   |
| 11     | ieee8023efmCu            | { iso (1) iso-identified-organization (3) ieee (111) standards-association-numbered-series-standards (2) lan-man-stds (802) ieee802dot3(3) ieee802dot3dot1mibs (1)                   | 11 }   |
| 11     | ieee8023ifCapStackMIB    | { iso (1) iso-identified-organization (3) ieee (111) standards-association-numbered-series-standards (2) lan-man-stds (802) ieee802dot3(3) ieee802dot3dot1mibs (1) ieee8023efmCu(11) | 1 }    |
| 11     | ieee8023efmCuMIB         | { iso (1) iso-identified-organization (3) ieee (111) standards-association-numbered-series-standards (2) lan-man-stds (802) ieee802dot3(3) ieee802dot3dot1mibs (1) ieee8023efmCu(11) | 2 }    |
| 12     | ieee8023etherWisMIB      | { iso (1) iso-identified-organization (3) ieee (111) standards-association-numbered-series-standards (2) lan-man-stds (802) ieee802dot3(3) ieee802dot3dot1mibs (1)                   | 12 }   |
| 13     | ieee8023mauMIB           | { iso (1) iso-identified-organization (3) ieee (111) standards-association-numbered-series-standards (2) lan-man-stds (802) ieee802dot3(3) ieee802dot3dot1mibs (1)                   | 13 }   |