IEEE 802.3 Maintenance
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Agenda

- Maintenance requests
  - Request #1243-1245
- Respond to comment from sending IEEE Std 802.3-2012 to ISO/IEC JTC/1 SC/6
- IEEE 802.3 MAUType assignment request
- Maintenance web information

Maintenance Request #1243, 1245

- Both comments addressing same issue
- No objection to make the change
- Change state to "ready for ballot"
- As they are redundant, requester for MR 1245 has withdrawn his request

Maintenance Request #1244

- Statement in 80.4 is ambiguous as to what bit times are being referenced for the delay (10G, 40G or 100G).

- Clause 44.3 is written in 10G bit time delay

- Consensus is to clarify how to scale delay times from 40.3 for 40G and 100G

- Append the following sentence "Multiply BT from 40.3 by 4 for 40 Gb/s operation and by 10 for 100 Gb/s operation". To "See 44.3 for the calculation of bit time per meter of fiber or electrical cable.

- No objection to make the above change

- Change state to "ready for ballot"

ISO/IEC JTC/1 SC/6 Update

- 60-Day Pre ballot on 802.3-2012 passed 12/1/3
  - "Do you support the submission of this proposal for FDIS ballot?"
  - Comment below submitted by China National Body

China NB thanks for IEEE's contribution of 802.3-2012 (in 6N15595). As always China encourages and supports standard collaboration between IEEE and ISO. However, based on the following reasons, China NB cannot support the three proposals.

IEEE 802.3-2012 does not contain security related standards. As an information network standard, the lack of security protocols is a major concern. The standard is not robust. The standard referenced IEEE 802.1AE, which has security concerns. China NB has made many comments on this issue to SC6 and IEEE as in SC6N15556. However, IEEE has not made any satisfactory attempts to change China's negative vote. Since China's objection to the base/associated standards still stands, we cannot support other standards that rely on previous standards on security.

In addition, China NB also has concerns that the FDIS process is reducing the quality and reputation of ISO/IEC standards. We will bring our concerns to the attention of ISO/IEC central offices.

Response to China NB Comment

IEEE 802.3 would like to thank China NB for their review and comment on the submission of IEEE Std 802.3-2012 for adoption by ISO/IEC JTC/1 SC/6.

IEEE Std 802.3-2012 is security agnostic allowing the user to run any security protocol.

IEEE Std 802.3-2012 does not rely on IEEE Std 802.1AE. There is no normative reference to IEEE Std 802.1AE.

TF Motion

- Move to adopt the response to the China NB comment as captured in diab_1_0713.pdf and respond via an IEEE 802.3 liaison letter. Grant the WG Chair editorial license.

- M: B. Booth

- S: L. Winkel

- Technical (>=75%)

- Y:6   N:0   A:0

- Motion passes

WG Motion

- Move to adopt the response to the China NB comment as captured in liaison letter 802_3_to_ISO_IEC_SC6_0713.pdf. Grant the WG Chair editorial privilege.

- M: W. Diab

- S: B. Booth

- Technical (>=75%)

- 802.3 Voters
  - Y:91   N:0   A:4
  - Motion passes

MAUType Discussion

- Background
  - Made aware of a request for an 802.3 MAUType via 802.1 Vice-Chair for a request coming from IEC
  - Added on maintenance agenda for discussion

- Consensus from discussions
  - From an 802.3 point of view, the definition of a new PMD is a new PHY
  - Existing precedent: IANA considers Ethernet MAUTypes as part of the OID owned by 802.3. All others (including from other SDOs) are not included in the MAUType enumeration
  - IEEE 802.3 TLVs rely on the 802.3 operational MAU Type to work
  - For IEC proposal
    - Codepoint under IEC OID tree

Maintenance Web Information

- IEEE 802.3 Maintenance web site:
  http://www.ieee802.org/3/maint/index.html

- IEEE 802.3 Maintenance request form is available at:
  http://www.ieee802.org/3/private/maint/revision_request.html

- Access information

  Username: ********

  Password: ********

  (Password **is** case sensitive)

- IEEE 802.3 Maintenance reflector
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