IEEE 802.3
Ethernet Working Group
March Plenary Report
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www.ieee802.org/3

IEEE P802.3at DTE Power via MDI Enhancements

- IEEE P802.3at/D4.0 completed initial sponsor ballot
  - Results
    - 85% Approval rate, 75% Return rate, 4% Abstention rate
- Resolved comments on IEEE P802.3at/D4.0
  - Reviewed and processed 365 comments
  - Recirculation required
- Other items
  - Co-meeting with Maintenance Task Force driven by LLDP management containment
  - Liaison letter to TIA TR42 regarding TSB Guidelines for Supporting Power Delivery over Balanced Twisted-Pair Cabling
- Next meeting end of April 2009
  - Respond to Sponsor recirculation ballot comments

IEEE P802.3av 10Gb/s Ethernet Passive Optical Networks (EPON)

- IEEE P802.3av/D3.0 completed initial sponsor ballot
  - Results
    - 96% Approval rate, 82% Return rate, 9% Abstention rate
- Resolved comments on IEEE P802.3at/D3.0
  - Reviewed and processed 177 comments
  - Recirculation required
- Other items
  - Liaison response to Broadband Forum regarding utilization of TR-069 for service management of EPON-based networks
  - Liaison letter to ITU-T SG15 regarding IEEE P802.3av 10Gb/s Ethernet Passive Optical Networks
- Next meeting end of April 2009
  - Respond to Sponsor recirculation ballot comments

IEEE P802.3az Energy-Efficient Ethernet

- Continued refining the draft through Task Force Review
  - Processed 211 comments submitted on IEEE P802.3az/D1.2.1
  - Consensus reports provided by Shrinkage and L2 Ad-Hocs
- Other items
  - Co-meeting with Maintenance Task Force driven by LLDP management containment
  - Chartered a Link Fault Signalling Ad-Hoc
- Next Steps
  - Draft D1.3 will be sent out for Task Force Review
  - 3 Ad-Hocs to meet prior to next interim meeting
- Next meeting end of April 2009
  - Review D1.3 comments

IEEE P802.3ba 40 Gb/s and 100 Gb/s Ethernet

- IEEE P802.3ba/D2.0 progressed to Working Group Ballot
- Other items
  - Informal Communications
    - ITU-T SG15: Communication of latest draft
    - ISO/IEC JTC 1/SC 25/WG 3, Document #N 882A:Update of status in IEEE P802.3ba related to XR MMF
- Next meeting early May 2009
  - Respond to initial Working Group ballot comments

IEEE 802.3 Maintenance

- IEEE P802.3-2008/Cor 1(IEEE 802.3bb)/D1.1 Pause Reaction Delay Corrigendum progressed to Working Group Ballot
- IEEE P802.3bc, Ethernet Organizationally Specific TLVs completed initial Working Group ballot
  - Results
    - 94% Approval rate, 66% Return rate, 20% Abstention rate
  - Resolved comments on IEEE P802.3bc/D2.0
    - Reviewed and processed 104 comments
    - Recirculation required
  - Conditional approval to proceed to Sponsor ballot
- Other items
  - Co-meeting with IEEE 802.3at and IEEE 802.3az Task Forces driven by LLDP management containment
  - Liaison letter to ISO/IEC JTC1 SC6 WG1 regarding ISO/IEC 8802-3:2000
  - Processed 9 new maintenance requests
  - Prepared response to Interpretation request

IEEE P802.3.1 Ethernet MIB

- Continued refining document structure through preview of draft

Ethernet support for the IEEE P802.1AS time synchronization protocol call for interest

- Call for Interest
  - 94 CFI attendees
  - 38 interested in participating

- Formation of a Ethernet support for the IEEE P802.1AS time synchronization protocol Study Group within IEEE 802.3 approved

- First meeting late April 2009

Working Group information

- Web site – www.ieee802.org/3
- WG and TF documents on web site
  - Presentations
  - Minutes
  - Reflector subscription information
  - Rules, etc.
- Interim TF and SG meeting details posted on web site
  - All TFs and SG will meet end April/early May over two weeks
  - Next WG plenary session, 13-16 July, San Francisco, CA, USA