
IEEE 802.3 Working Group July Plenary Report 16 March 2007

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www.ieee802.org/3

P802.3ap Backplane Ethernet

- No meeting held, submitted to RevCom for approval as an IEEE standard.

P802.3ar Congestion Management

- Short meeting to discuss status
- Remains stalemated by 802.3 failing to approve modified project documents
 - No May interim meeting

P802.3at DTE Power Enhancements

- Proposed editors draft reviewed
 - Not yet an official draft
 - Editor will revise for consideration in May
- Significant progress made on liaison issues with cabling committees
- Next meeting in Geneva, Switzerland
28 – 30 May 2007
 - Task Force review of draft

P802.3av 10Gb/s EPON

- Working toward first draft
 - Support asymmetrical (10 Gb/s downstream, 1 Gb/s upstream)
 - Maintain compatibility with 1 Gb/s EPON
 - Port type options still under consideration
 - MAC rate will not be increased for FEC overhead
- Next meeting in Geneva, Switzerland
28 – 30 May 2007

P802.3-2005/Cor2 (802.3aw)

- Approved for Sponsor ballot
 - Initial WG ballot passed with no negatives
 - WG ballot comments addressed, most out of scope and referred to 802.3 revision
- Next meeting 29 May 2007, Geneva, Switzerland

IEEE Std 802.3 Revision

- Two PARs approved for NesCom consideration
 - P802.1AX (802.3ax) extracts clause 43 Link Aggregation into an independent standard to be handed off to 802.1 upon approval
 - P802.3REV (802.3ay) merge of amendments, corrigenda and maintenance changes
- Initial WG ballot authorized contingent on approval of PARs
- Next meeting 29 May 2007, Geneva, Switzerland

Higher Speed Ethernet SG

- Continued discussion of project scope
 - Copper data center connection discussed
 - Lower speed (e.g., 40 Gb/s) interface for servers proposed with major discussion
 - Strong consensus on 100 Gb/s operation
- Still a possibility of multiple PARs
- Next meeting in Geneva, Switzerland
28 – 30 May 2007

Energy Efficient Ethernet SG

- Working on project objectives and scope
 - Rapid PHY selection feasibility and potential discussed
 - Initial evaluation of saved state of 10GBASE-T training states indicates significant parameter volatility but more work is needed
 - Discussing including wake-up from standby power management state (almost no power)
- Next meeting in Geneva, Switzerland
28 – 30 May 2007

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 will be posted on web site
 - HSSG and EEESG plan 17-19 April Ottawa, Ontario, Canada interim (check schedule when posted for group meeting days)
 - All TFs and SGs will meet in Geneva, Switzerland the week of 28 May (check schedule when posted for group meeting days)
 - Next WG plenary session, 16-19 July, San Francisco, CA, USA