802.1 – Activities & status

Tony Jeffree, 802.1 WG Chair

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Areas of work

- 802 Architecture
- Interworking between 802 technologies
  - "Technical Plenary" if needed
- MAC Bridging
  - "traditional" bridging
  - VLAN bridging
- LAN management
- Website: http://www.ieee802.org/1/

Status of current projects - (1)

- Standard 802 revision (Overview & Architecture)
  - Approved by June RevCom
  - Now published, following BoG decision on compliance issues (removed Clause 5)

Status of current projects - (2)

- P802.1s - Multiple Spanning Tree support in VLANs
  - Draft 11.2 circulated to WG – protocol & BPDU format now fully specified
  - Will issue WG ballot of D12 before the May Interim meeting

Status of current projects - (3)

- P802.1y – Maintenance items for 802.1D (including t, w)
  - Some bug fixes related to 802.1w
  - Planning to issue a Working Group ballot before the July plenary meeting
- P802.1z – Maintenance items for 802.1Q (including v)
  - Nothing so far identified
- P802.1aa – Maintenance items for 802.1X
  - Various proposed changes resulting from implementation experience
  - Recent paper re 802.1X/802.11 issues – some useful progress at this meeting; will need further work before these issues are fully resolved.

Status of current projects - (4)

- P802a PAR for "Playpen Ethertypes" has been approved
  - Initial draft generated
  - Draft 1 will be circulated for its first Working Group ballot in the April/May timeframe
- Looking at new work related to link layer discovery – will be asking for Exec approval to forward a PAR to RevCom in July
- Looking to "rescue" the MAC Service standard from ISO/IEC JTC1 SC6 and revise it as an 802 standard – will be asking for Exec approval to forward a PAR to RevCom in July