802.1 – Activities & status

Tony Jeffree, 802.1 WG Chair
25th July 2003

Areas of work

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

Officers

- Chair: Tony Jeffree
- Vice Chair: Neil Jarvis
- Recording Secretary: Michael Wright
- Interworking TG Chair: Mick Seaman
- Link Sec TG Chair: Dolors Sala
- Link Sec TG Secretary: Allyn Romanow
- Maintenance of Email exploder: Hal Keen

Status of current projects - (1)

- 802.1Q - VLANs
  - Reaffirmation ballot completed successfully
  - 2003 Edition of 802.1Q published – incorporates 802.1s, 802.1u, 802.1v
  - PAR for revising the standard was raised this week (will replace P802.1z) – main work is general cleanup plus alignment with revisions to MAC Bridge standard (802.1D)

Status of current projects - (2)

- P802.1d – Revision of 802.1D (formerly P802.1y)
  - Sponsor ballot completed
  - Comment resolution completed
  - Recirculation ballot in July/Aug time frame
- P802.1aa – Maintenance items for 802.1X
  - WG ballot completed
  - Comment resolution completed
  - This project will be converted into a revision project rather than an amendment

Status of current projects - (3)

- P802a "Playpen Ethertypes"
  - Now published
- Llink layer discovery (P802.1AB)
  - Second Task Group ballot completed
  - New draft available on the 802.1 website
  - Further task group ballot in August
- MAC Service revision (P802.1ac)
  - Initial input generated based on ISO/IEC JTC1 standard 15802-1 plus ISS, E-ISS from 802.1D and 802.1Q

Status of current projects - (4)

- **P802.1ad Provider Bridges:**
  - PAR now approved
  - Work continuing on candidate mechanisms and input documents
  - Further interim draft will be generated
- **P802b registration procedures related to the use of OID arcs in 802:**
  - Initial WG ballot passed
  - Editorial corrections and a recirculation in August
  - Expect Sponsor ballot in Aug/Sept timeframe

Status of current projects - (5)

- Link Security SG
  - PAR has been forwarded for the development of a secure frame format
  - SG has been formally converted to a Task Group of 802.1