802.1 – Activities & status

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14th March 2002
Areas of work

- 802 Architecture
- Interworking between 802 technologies
  - “Technical Plenary” if needed
- MAC Bridging
  - “traditional” bridging
  - VLAN bridging
- LAN management
- Link Security
- Website: http://www.ieee802.org/1/
Status of current projects - (1)

- 802.1s - Multiple Spanning Tree support in VLANs
  - Now an approved IEEE Standard
  - Along with 802.1u, 802.1v, is currently being incorporated into a 2003 Edition of 802.1Q
Status of current projects - (2)

- **P802.1d** – Revision of 802.1D (formerly P802.1y)
  - Working Group ballot completed and ballot disposition generated
  - Recirculation Ballot will be generated during April/May for resolution at June interim
  - Conditional approval for Sponsor ballot in June timeframe was granted

- **P802.1z** – Maintenance items for 802.1Q (including v)
  - Nothing so far identified

- **P802.1aa** – Maintenance items for 802.1X
  - Changes to the state machines needed for compatibility with 802.11 use were agreed
  - Will be issued for second WG ballot in April/May timeframe
Status of current projects - (3)

- **P802a “Playpen Ethertypes”**
  - Currently in Sponsor ballot recirculation
  - Conditional approval to forward to RevCom on completion was granted

- **Link layer discovery (P802.1AB)**
  - First Task Group ballot completed; comments resolved
  - Second Task Group ballot in April/May timeframe

- **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

- P802b registration procedures related to the use of OID arcs in 802:
  - PAR approved; initial draft will be balloted in March/April timeframe
Status of current projects - (5)

- The Link Security Executive Committee study group has now been placed in 802.1.