

802.1 – Activities & status

Tony Jeffree, 802.1 WG Chair

Wednesday, March 07, 2012

Areas of work

- 802 Architecture and interworking between 802 technologies
 - Cross-802 Architecture group
 - “Technical Plenary” if needed
- Interworking Task Group:
 - “Traditional” (802.1D) bridging
 - VLAN (802.1Q) bridging
 - Provider bridging
 - LAN management
 - Discovery mechanisms
 - Connectivity fault management
- Audio Video bridging (AVB) Task Group:
 - Time synchronization
 - Stream reservation and transmission support
- Data center bridging (DCB) Task Group:
 - Congestion management
 - Per priority flow control
- Security Task Group (currently hibernating):
 - Secure frame transmission
 - Key management
 - Secure device identity

Officers

- Chair: Tony Jeffree
- Vice Chair: Paul Congdon
- Recording Secretary: Eric Gray
- Interworking TG Chair: Steve Haddock
- AV Bridging TG Chair: Michael Johas Teener
- Data Center Bridging TG Chair: Pat Thaler
- Link Security TG Chair: Mick Seaman
- Maintenance of Email exploder: Hal Keen
- Maintenance of website: John Messenger
 - Website: <http://www.ieee802.org/1/>

Status of current projects - (1)

- P802-REV – Overview and Architecture revision
 - Current draft is D1.3
 - Second WG ballot completed – WG recirc expected, followed by Sponsor ballot.
- MAC Service revision (P802.1ac)
 - Current draft is D1.5
 - WG recirculation ballot completed; comment resolution completed. Sponsor ballot expected.
- P802.1aq – Shortest Path Bridging
 - Current draft is D4.5
 - Sponsor recirc ballot completed; comment resolution completed. Submitted to RevCom.

Status of current projects - (2)

- 802.1Qbg – Edge Virtual Bridging
 - Current draft is D2.1; Sponsor recirc ballot completed. 100% approval. Submitted to RevCom.
- 802.1AXbk – Link Agg addressing
 - Current draft is D2.1; Sponsor recirc ballot complete, comment resolution completed. Submitted to RevCom.
- 802.1Qbp – ECMP
 - Current draft is D0.2. Task group ballot completed; further TG ballot expected.

Status of current projects - (3)

- 802.1AX-REV (was AXbq – DRNI)
 - Current draft is D0.1. Task group ballot completed; further TG ballot expected.
- 802.1BR – Port extenders
 - Current draft is D3.3. Sponsor recirc ballot completed; submitted to RevCom.
- 802.1ASbt – Time synch enhancements
 - Awaiting initial draft.
- 802.1AS Cor-1 – Time synch corrections
 - Current draft is D1.0.
- 802.1Q-2011 Cor-2 – Tech & Ed corrections
 - Current draft is D0.1. Second task group ballot completed; first WG ballot expected.

Status of current projects - (4)

- 802.1Qbu – Frame preemption
 - PAR submitted this week.
- 802.1Qbv – Scheduled traffic
 - PAR submitted this week.
- 802.1AEbw – Extended packet numbering
 - PAR submitted this week.
- 802.1Xbx – MKA extensions
 - PAR submitted this week.

Next Interim meeting

- May 2012:
 - York, England.
- Details on Website:
<http://www.ieee802.org/1>