

# 802.1 – Activities & status

Tony Jeffree, 802.1 WG Chair

Tuesday, November 15, 2011

# 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 D1.2
  - First WG ballot completed – ballot resolution completed. Second WG ballot in December/January timeframe.
- MAC Service revision (P802.1ac)
  - Current draft is D1.3
  - WG recirculation ballot completed; comment resolution completed. Further WG recirc expected.
- P802.1aq – Shortest Path Bridging
  - Current draft is D4.3
  - Sponsor ballot completed; comment resolution completed. Sponsor recirc expected.

# Status of current projects - (2)

- 802.1Qbf – PBB-TE infrastructure protection
  - Current draft is D1.4. Project submitted to RevCom.
- 802.1Qbg – Edge Virtual Bridging
  - Current draft is D1.8; WG recirc ballot completed. Comment resolution completed; further recirc expected, followed by Sponsor ballot.
- 802.1AXbk – Link Agg addressing
  - Current draft is D1.3; WG recirc ballot complete, comment resolution completed; Sponsor ballot expected.
- 802.1Qbp – ECMP
  - Current draft is D0.1. Task group ballot expected.

# Status of current projects - (3)

- 802.1AXbq – DRNI
  - Current draft is D0.3. Further draft expected.
- 802.1BR – Port extenders
  - Current draft is D2.3. WG recirc ballot completed; comment resolution completed; further recirc expected, followed by Sponsor ballot.
- 802.1ASbt – Time synch enhancements
  - Awaiting initial draft.
- 802.1AS Cor-1 – Time synch corrections
  - Awaiting initial draft.
- 802.1Q-2011 Cor-2 – Tech & Ed corrections
  - PAR submitted.

# Next Interim meeting

- January 2012:
  - Munich, Germany.
- Details on Website:  
<http://www.ieee802.org/1>