# 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 – ballot resolution this week.

- **MAC Service revision (P802.1ac)**
  - Current draft is D1.5
  - WG recirculation ballot completed; comment resolution this week.

- **P802.1aq – Shortest Path Bridging**
  - Current draft is D4.5
  - Sponsor recirc ballot completed; comment resolution this week.

# Status of current projects - (2)

- **802.1Qbf – PBB-TE infrastructure protection**
  - Approved December 2011.

- **802.1Qbg – Edge Virtual Bridging**
  - Current draft is D2.1; Sponsor recirc ballot completed. 100% approval. No comments to resolve this week.

- **802.1AXbk – Link Agg addressing**
  - Current draft is D2.1; Sponsor recirc ballot complete, comment resolution completed. Pre-submitted to RevCom.

- **802.1Qbp – ECMP**
  - Current draft is D0.2. Task group ballot completed; comment resolution this week.

# Status of current projects - (3)

- 802.1AX-REV (was AXbq – DRNI)
  - Current draft is D0.1. Task group ballot completed; comment resolution this week.
- 802.1BR – Port extenders
  - Current draft is D3.3. Sponsor recirc ballot completed; comment resolution this week.
- 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; comment resolution this week.

# Status of current projects - (4)

- **802.1Qbu – Frame preemption**
  - PAR to be submitted this week.

- **802.1Qbv – Scheduled traffic**
  - PAR to be submitted this week.

- **802.1AEbw – Extended packet numbering**
  - PAR to be submitted this week.

- **802.1Xbx – MKA extensions**
  - PAR to be submitted this week.

# Next Interim meeting

- May 2012:
  - York, England.
- Details on Website:

  http://www.ieee802.org/1