802.1 – Activities & status

Tony Jeffree, 802.1 WG Chair

Sunday, July 17, 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 started.

- **MAC Service revision (P802.1ac)**
  - Current draft is D1.2
  - WG ballot completed; awaiting further draft and recirculation ballot.

- **P802.1aq – Shortest Path Bridging**
  - Current draft is D4.0
  - Working Group recirc ballot completed; comment resolution this week

Status of current projects - (2)

- P802.1BA – AVB Systems
  - Current draft is D2.4
  - Sponsor recirc ballot completed; comment resolution this week.

- 802.1Qbf – PBB-TE infrastructure protection
  - Current draft is D1.3. Sponsor ballot completed; ballot resolution this week.

Status of current projects - (3)

- **802.1Qbg – Edge Virtual Bridging**
  - Current draft is D1.6; WG recirc ballot completed. Comment resolution this week.

- **802.1Qbh – Bridge Port Extension**
  - Current draft is D2.1; WG recirc ballot complete, comment resolution this week.

- **802.1AXbk – Link Agg addressing**
  - Current draft is D1.1; WG recirc ballot complete, comment resolution completed.

- **802.1AEbn - 256 (GCM-AES-256) Cipher Suite**
  - Current draft is D0.8. Sopnsor balloting complete and draft is ready for RevCom.

Next Interim meeting

- September 2011:
  - Nanjing, China.
- Details will be posted on Website:

  http://www.ieee802.org/1