802.1 – Activities & status

Tony Jeffree, 802.1 WG Chair

Friday, March 18, 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.

- **Std 802.1D – MAC Bridges**
  - Reaffirmation forwarded to March 2011 RevCom.

- **P802.1aq – Shortest Path Bridging**
  - Current draft is D3.6
  - Working Group ballot completed; comment resolution completed. Recirculation ballot will occur in April timeframe

- **P802.1AS – Timing and Synchronization in LANs**
  - Approved by Jan 2011 RevCom; publication imminent.

Status of current projects - (2)

- **P802.1Q Revision**
  - Sponsor recirc ballot on D1.4 completed; comment resolution completed. Final recirc before forwarding to RevCom.
- **P802.1Qaz – Enhanced Transmission Selection**
  - Current draft is D2.4
  - Sponsor ballot completed; final recirc will be needed to align with Q-REV when that completes.
- **P802.1BA – AVB Systems**
  - Current draft is D2.3
  - WG recirc ballot completed; comment resolution completed. Sponsor ballot in March/April.
- **802.1Qbb – Priority based Flow Control**
  - Current draft D2.3
  - Sponsor ballot recirc completed, comment resolution completed; final recirc will be needed to align with Q-REV when that completes.

Status of current projects - (3)

- **802.1Qbc – Remote Customer Service Interface**
  - Sponsor recirc ballot of D1.4 completed; comment resolution completed. Final recirc will be needed to align with Q-REV when that completes.

- **802.3bd – MAC control frame**
  - Sponsor ballot recirc completed. Will be submitted to RevCom.

- **802.1Qbe – MIRP**
  - Sponsor ballot completed on draft 1.6; comment resolution completed. Final recirc will be needed to align with Q-REV when that completes.

- **802.1Qbf – PBB-TE infrastructure protection**
  - Working group ballot of D1.2 completed; awaiting start of Sponsor ballot.

Status of current projects - (4)

- **802.1Qbg – Edge Virtual Bridging**
  - Current draft is D1.5; WG ballot in April/May.

- **802.1Qbh – Bridge Port Extension**
  - Current draft is D1.1; first WG ballot complete, comment resolution completed. Recirc ballot in April/May.

- **802.1AXbk – Link Agg addressing**
  - Current draft is D1.0; WG ballot complete, comment resolution completed. Recirc in April/May

- **802.1AEbn - 256 (GCM-AES-256) Cipher Suite**
  - Current draft is D0.6. Initial WG ballot complete and draft is ready for Sponsor ballot.

Next Interim meeting

- May 2011:
  - Santa Fe, NM.
- Details will be posted on Website:
  http://www.ieee802.org/1