

802.1 – Activities & status

Tony Jeffree, 802.1 WG Chair

Sunday, March 13, 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 this week.
- 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 this week
- 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 completes this week; comment resolution this week. Expect 1 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 this week.
- 802.1Qbb – Priority based Flow Control
 - Current draft D2.3
 - Sponsor ballot recirc completed, comment resolution this week; 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 this week. Final recirc will be needed to align with Q-REV when that completes.
- 802.3bd – MAC control frame
 - Sponsor ballot recirc completed.
- 802.1Qbe – MIRP
 - Sponsor ballot completed on draft 1.6; comment resolution this week. 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 D1.4; some further work needed this week before WG ballot.
- 802.1Qbh – Bridge Port Extension
 - Current draft is D1.1; first WG ballot complete, comment resolution this week.
- 802.1AXbk – Link Agg addressing
 - Current draft is D1.0; WG ballot complete, comment resolution this week.
- 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>