

802.1 – Activities & status

Tony Jeffree, 802.1 WG Chair

Friday, July 16, 2010

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 D0.0
 - TG balloting expected in July-Nov 2010 timeframe.
- MAC Service revision (P802.1ac)
 - Initial input generated based on ISO/IEC JTC1 standard 15802-1 plus ISS, E-ISS from 802.1D and 802.1Q
 - WG ballot running
- Std 802.1D – MAC Bridges
 - Reaffirmation ballot completed; reaffirmation forwarded to RevCom

Status of current projects - (2)

- P802.1aq – Shortest Path Bridging
 - Current draft is D3.0
 - Working Group ballot comment resolution completed; recirculation in Aug/Sept timeframe
- P802.1AS – Timing and Synchronization in LANs
 - Current draft D7.0
 - Sponsor ballot comment resolution completed; recirculation in Aug/Sept timeframe
- P802.1Qat – Stream Reservation Protocol –
 - Current draft is D6.1
 - Sponsor recirc ballot completed; forwarded to RevCom.

Status of current projects - (3)

- P802.1Q Revision
 - Working group ballot completed on D1.0; further WG recirc ballot in Aug/Sept 2010 timeframe
- P802.1Qaz – Enhanced Transmission Selection
 - Current draft is D1.6
 - WG recirc comment resolution completed; further recirc in Aug/Sept timeframe
- P802.1BA – AVB Systems
 - Task group ballot of D1.2 completed; comment resolution completed. WG ballot in Aug/Sept timeframe.
- 802.1Qbb – Priority based Flow Control
 - Current draft D2.3
 - Sponsor ballot comment resolution completed; recirc in Aug/Sept timeframe.

Status of current projects - (4)

- 802.1Qbc – Remote Customer Service Interface
 - Working group ballot of D1.3 completed; comment resolution completed. Sponsor ballot in Aug/Sept timeframe.
- 802.3bd – MAC control frame
 - Sponsor ballot completed; comment resolution completed. Recirc in Aug/Sept timeframe.
- 802.1Qbe – MIRP
 - Sponsor ballot initiated on draft 1.5.
- 802.1Qbf – PBB-TE infrastructure protection
 - Task group ballot of D0.3 completed; comment resolution completed. Further TG ballot in Aug/Sept timeframe.

Status of current projects - (5)

- 802.1Qbg – Edge Virtual Bridging
 - TG ballot of D1.0 complete; comment resolution completed. Further TG ballot in Aug/Sept timeframe.
- 802.1Qbh – Bridge Port Extension
 - TG ballot of D0.3 complete; comment resolution completed. Further TG ballot in Aug/Sept timeframe.
- 802.1AXbk – Link Agg addressing
 - PAR approved. Initial draft to be generated.

Next Interim meetings

- September 2010:
 - York, England
- January 2011:
 - Kauai, Hawaii.
- Details will be posted on Website:
<http://www.ieee802.org/1>