802.1 Motions & supporting material

Closing IEEE 802 EC
November 2014, San Antonio

Agenda (1)

- **PARs to NesCom**
  - IEEE P802.1AS-rev, Timing and Synchronization for Time-Sensitive Applications, to NesCom
  - IEEE P802.1Qch, Bridges and Virtual Bridged LANs Amendment: Cyclic Queuing and Forwarding, to NesCom
  - IEEE P802.1Q/Cor1 - Bridges and Bridged Networks- Corrigendum 1: Technical and editorial corrections, to NesCom
  - IEEE P802.1Qbv - Bridges and Virtual Bridged LANs Amendment: Enhancements for Scheduled Traffic, to NesCom
- **Draft Standards to RevCom**
  - IEEE P802.1AB/Cor2 - Station and Media Access Control Connectivity Discovery - Corrigendum 2: Technical and editorial corrections, conditional to RevCom
  - IEEE P802.1Qcd - Bridges and Virtual Bridged LANs Amendment: Application VLAN TLV, to RevCom

Agenda (2)

- Drafts to Sponsor ballot
  - none
- Items to SC6
  - IEEE P802.1AXrev to SC6 for ratification under PSDO, once published
- Study Group
  - Local Address
- Liaisons (ll*)
  - 802.1 to ITU-T SG15, IETF, BBF & MEF regarding P802.1AXrev
  - 802.1 to ITU-T SG15 regarding LS105 on OTNT
  - 802.1 to ITU-T SG15 regarding LS165 on MDSP
  - 802.1 to CPRI cooperation

PARs to NesCom

.1ASrev PAR – supporting info

- Timing and Synchronization for Time-Sensitive Applications

- PAR pre-circulated to EC as per P&P
- Comments from 802.1, 802.3 & 802.11 were received and answered
- Updated PAR was posted

MOTION

- EC approves the CSD for 802.1AS-Rev and forwards the 802.1AS-Rev PAR to NesCom.
  - CSD: http://ieee802.org/1/files/public/docs2014/new-802-1AS-rev-draft-csd-1114-v2.pptx
  - PAR: http://ieee802.org/1/files/public/docs2014/new-802-1AS-rev-draft-par-1114-v2.pdf

- WG proposed: Garner   Second: Messenger
- For__23__Against_0__Abstain_0___

- EC proposed: Parsons   Second: Thaler
- For____Against___Abstain____

.1Qch PAR – supporting info

- Bridges and Virtual Bridged LANs Amendment: Cyclic Queuing and Forwarding

- PAR pre-circulated to EC as per P&P

- Comments from 802.3 were received and answered

- Updated PAR was posted

Motion

- EC approves the CSD and
  forwards the P802.1Qch PAR to NesCom.
  - http://www.ieee802.org/1/files/public/docs2014/ch-mjt-cyclic-queuing-and-forwarding-par-csd-0814-v01.pdf
  - http://www.ieee802.org/1/files/public/docs2014/ch-mjt-cyclic-queuing-and-fowarding-par-0914-v02.pdf
- WG proposed: Tony Jeffree   Second: Norm Finn
- For __23___Against__0___ Abstain __0___

- EC proposed: Parsons   Second: Thaler
- For____Against___Abstain____

.1Q/Cor1 PAR – supporting info

- This is a maintenance PAR
- There are no CSD required for a maintenance project.

- PAR circulated to EC as per P&P

.1Qbv PAR – supporting info

- This is a maintenance PAR
  - Modification of scope to align with draft
  - Confirmed by sponsor chair
- PAR circulated to EC as per P&P

MOTION

- EC confirms the 5C, and forwards the IEEE 802.1Qbv PAR modification to NesCom
  - 5C - http://www.ieee802.org/1/files/public/docs2012/Qbv-pannell-draft-5C-0112-v03.pdf
  - PAR - http://www.ieee802.org/1/files/public/docs2014/bv-p802-1Qbv-par-modification-1114.pdf

- WG proposed: Jeffree   Second: Finn
- For 23 Against 0 Abstain 0

- EC proposed: Parsons Second: Thaler
- For____Against___Abstain____

Draft standards to RevCom

P802.1AB/Cor2 - Last ballot statistics

- BALLOT OPEN DATE: 31-Aug-2014

- BALLOT CLOSE DATE: 30-Sep-2014

- DRAFT #:   1.0

- COMMENTS: 9

- MUST BE SATISFIED COMMENTS: 1

- RESPONSE RATE

    – This ballot has met the 75% returned ballot requirement.

    – 59 eligible people in this ballot group.

    – 49   affirmative votes

    – 0   total negative votes with comments

    – 0   negative votes with new comments

    – 0   negative votes without comments

    – 0   abstention votes

    – 49   votes received = 83% returned

    –   0% abstention

- APPROVAL RATE

    – The 75% affirmation requirement is being met.

    – 49   affirmative votes

    – 0   negative votes with comments

    – 49   votes = 100% affirmative

- The comments are:

    – http://www.ieee802.org/1/files/private/ab-cor-2-drafts/d1/802-1AB-Cor-2-D1-0-dis.pdf

13

P802.1AB/Cor2 - unsatisfied

- There were not any "No" votes on the sponsor ballot
- Editorial comments were accepted and a revised draft recirculated.

P802.1AB/Cor2 ballot schedule

- Next recirculation, started in November 4, 2014, 15 day ballot

- January 802.1 interim meeting to resolve comments, if necessary

- Submit either for March RevCom or intermediate meeting.

MOTION

- EC conditionally approves to forward 802.1AB-Cor2 to RevCom.
    - http://www.ieee802.org/1/files/private/ab-cor-2-drafts/d1/802-1ab-cor-2-d1-1.pdf

- WG proposed: Messenger Second: Gray
- For_23___Against_0__Abstain_0___

- EC proposed: Parsons   Second: Thaler
- For____Against___Abstain____

P802.1Qcd - Last ballot statistics

- BALLOT OPEN DATE: 15-Sep-2014

- BALLOT CLOSE DATE: 25-Sep-2014

- TYPE: New

- DRAFT #:   P802.1Qcd-d2-1

- BALLOTS RECEIVED: 2

- RESPONSE RATE
  - This ballot has met the 75% returned ballot requirement.
  - 64 eligible people in this ballot group.
  - 50   affirmative votes
  - 0   total negative votes with comments
  - 0   negative votes with new comments
  - 0   negative votes without comments
  - 4   abstention votes: (Lack of expertise: 2, Lack of time: 2)
  - 54   votes received = 84% returned
  -           7% abstention

- APPROVAL RATE
  - The 75% affirmation requirement is being met.
  - 50   affirmative votes
  - 0   negative votes with comments
  - 50   votes = 100% affirmative

- The comments on the initial sponsor ballot were:
  - http://www.ieee802.org/1/files/private/cd-drafts/d2/802-1Qcd-d2-0-dis-v01.pdf

17

MOTION

- EC confirms the 5C, and forwards IEEE 802.1Qcd to RevCom.
  - http://www.ieee802.org/1/files/public/docs2013/new-p802-1qcd-draft-5c-0513-v01.pdf

  - Draft D2.1 - http://www.ieee802.org/1/files/private/cd-drafts/d2/802-1Qcd-d2-1.pdf

  - Sponsor Ballot results:
    ballot group: 64, affirmative : 50, disapprove : 0, abstain: 4
    84% return, 100% approve

- WG Proposed: Thaler   Second: Gray
- For 23   Against 0 Abstain 0

- EC proposed: Parsons   Second: Thaler
- For____Against___Abstain____

JTC1 SC6 PSDO items

MOTION

- EC approves to forward Std 802.1AX-Rev to ISO/IEC JTC1 SC6, for ballot under the PSDO agreement after publication by IEEE.

- WG proposed: Messenger Second: Gray
- For_22___Against_0__Abstain__0__

- EC proposed: Parsons   Second: Thaler
- For____Against___Abstain____

Study Group

802c discussion – Monday

- **Presentations – 30 minutes**
  - "Background Material," Pat Thaler, Broadcom.
  - "Some Things are Better Left Unmanaged," Dan Harkins, Aruba Networks.
  - "IEEE 802 Privacy ECSG Summary of Concerns," Juan Carlos Zuniga, InterDigital.
  - "Zonal Address Partitioning in the Local Space" Roger Marks,EthAirNet Associates.
  - "Motivations for CID creation and encouragement for use of local addresses," Bob Grow
  - "Privacy in DSRC V2X communication," John Kenney, Toyota
- **Discussion – 45 minutes**

802c discussion on PAR

- comments received from 802.3, 802.11, 802.15 and 802.16 working groups and others

  - http://www.ieee802.org/1/files/public/docs2014/new-addresses-thaler-802c-comments-1114.pdf

- to properly address these comments we need more time.

- comments demonstrated some support for the project but also a lack of clarity in intent within the PAR and CSD.

802.1 study group – local address

- 802.1 charter includes:
  - 802 LAN/MAN architecture
  - internetworking among 802 LANs, MANs and other wide area networks
  - 802 Security
  - 802 overall network management
  - protocol layers above the MAC & LLC layers.

- the creation of an 802.1 study group on local addresses will allow us the time to discuss the responses, this proposed PAR and potentially additional PARs.

- This study group will facilitate a detailed discussion amongst 802 working groups and will be able to make PAR proposal(s) for the March plenary.

- The joint interim in January will allow for participation of all working groups.

Motion

- EC approves to form an 802.1 Local Address Study Group to
  - Develop a PAR and CSD for a recommendation on Local Address usage
  - Develop one or more PARs on protocols for local address acquisition

- WG proposed: Haddock   Second: Thaler
- For __27___Against__0___ Abstain __0___

- EC proposed: Parsons Second:
- For____Against___Abstain____

II*: Liaisons from 802.1

MOTION

- 802.1 approves a liaison to MEF informing them of the completion of 802.1AX-REV and attaching d4.54 and authorizes the chair to draft a liaison.
    - http://www.ieee802.org/1/files/public/docs2014/liaison-on-802-1AX-REV-completion-1114.docx
- Proposed: Haddock   Second: Finn
- For__26__Against_0__Abstain__1__
- Approved

MOTION

- 802.1 approves a liaison to ITU-T SG15 Q9, Q10, Q12, BBF and IETF Routing & Internet areas informing them of the completion of 802.1AX-REV and attaching d4.54 and authorizes the chair to draft a liaison.

  - http://www.ieee802.org/1/files/public/docs2014/liaison-on-802-1AX-REV-completion-1114.docx

- Proposed: Haddock   Second: Messenger
- For__24__Against__0_Abstain__0__
- Approved

MOTION

- 802.1 approves the response to the ITU-T liaison LS165.

  - http://www.ieee802.org/1/files/public/docs2014/liaison-response-itu-t-ls165-1114.docx

- Proposed: Haddock   Second: Gray
- For__22__Against_1__Abstain__2__
- Approved

MOTION

- 802.1 approves the response to the ITU-T liaison LS105.
  - http://ieee802.org/1/files/public/docs2014/liaison-response-to-itu-t-LS-105-otnt-1114-v01.pdf
- Proposed: Haddock   Second: Messenger
- For_21___Against_1__Abstain__2__
- Approved

MOTION

- 802.1 approves the liaison to CPRI.
  - http://www.ieee802.org/1/files/public/docs2014/liaison-CPRI-1114-v2.docx
- Proposed: Chen Second: Gray
- For_23___Against_0__Abstain__0__
- Approved