802.1 Plenary – March 2018 Rosemont, IL, USA

Midweek Agenda

Glenn Parsons – IEEE 802.1 WG Chair
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802.1 plenary agenda

Monday opening

- Call for Patents
- Participation guidelines
- Administrative
- Membership status
- Future Meetings
- 802 reports
- Sanity check – current projects
- Incoming Liaisons
- TG agendas

Wednesday midweek

- Call for Patents
- Sanity check – current projects
- 802.11aq/RAC issue
- Future plenary format
- Motions for EC consent agenda
- Motions for 802.1
- Chair & Vice-Chair elections

Friday closing

- Call for Patents
- Membership status
- Future Meetings
- Sanity check – current projects
- 802 reports
- TG reports
- Outgoing Liaisons
- Motions for EC
- Motions for 802.1

Instructions for the WG Chair

The IEEE-SA strongly recommends that at each WG meeting the chair or a designee:

- **Show slides #1 through #4 of this presentation**
- **Advise the WG attendees that:**
  - IEEE's patent policy is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
  - Early identification of patent claims which may be essential for the use of standards under development is strongly encouraged;
  - There may be Essential Patent Claims of which IEEE is not aware. Additionally, neither IEEE, the WG, nor the WG Chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.

- **Instruct the WG Secretary to record in the minutes of the relevant WG meeting:**
  - That the foregoing information was provided and that slides 1 through 4 (and this slide 0, if applicable) were shown;
  - That the chair or designee provided an opportunity for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard
  - Any responses that were given, specifically the patent claim(s)/patent application claim(s) and/or the holder of the patent claim(s)/patent application claim(s) that were identified (if any) and by whom.

- The WG Chair shall ensure that a request is made to any identified holders of potential essential patent claim(s) to complete and submit a Letter of Assurance.
- It is recommended that the WG Chair review the guidance in *IEEE-SA Standards Board Operations Manual* 6.3.5 and in FAQs 14 and 15 on inclusion of potential Essential Patent Claims by incorporation or by reference.

  Note: **WG** includes Working Groups, Task Groups, and other standards-developing committees with a PAR approved by the IEEE-SA Standards Board.

◇IEEE

(Optional to be shown)

Participants have a duty to inform the IEEE

- Participants <u>shall</u> inform the IEEE (or cause the IEEE to be informed) of the identity of each holder of any potential Essential Patent Claims of which they are personally aware if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents

- Participants <u>should</u> inform the IEEE (or cause the IEEE to be informed) of the identity of any other holders of potential Essential Patent Claims

Early identification of holders of potential Essential Patent Claims is encouraged

◆IEEE

Ways to inform IEEE

- **Cause an LOA to be submitted to the IEEE-SA (patcom@ieee.org); or**

- **Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or**

- **Speak up now and respond to this Call for Potentially Essential Patents**

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

02 January 2018

◆IEEE

Other guidelines for IEEE WG meetings

- **All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.**

  - **Don't discuss the interpretation, validity, or essentiality of patents/patent claims.**

  - **Don't discuss specific license rates, terms, or conditions.**

    - Relative costs of different technical approaches that include relative costs of patent licensing terms may be discussed in standards development meetings.

      - **Technical considerations remain the primary focus**

  - **Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.**

  - **Don't discuss the status or substance of ongoing or threatened litigation.**

  - **Don't be silent if inappropriate topics are discussed ... do formally object.**

For more details, see *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and *Antitrust and Competition Policy: What You Need to Know* at http://standards.ieee.org/develop/policies/antitrust.pdf

◆IEEE

Participation in IEEE 802 Meetings

◻ Participation in any IEEE 802 meeting (Sponsor, Sponsor Subgroup, Working Group, Working Group Subgroup, etc.) is on an individual basis

  – *Participants in the IEEE standards development individual process shall act based on their qualifications and experience. (https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf section 5.2.1)*

  – *IEEE 802 Working Group membership is by individual; "Working Group members shall participate in the consensus process in a manner consistent with their professional expert opinion as individuals, and not as organizational representatives".*
  (http://ieee802.org/PNP/approved/IEEE_802_WG_PandP_v19.pdf section 4.2.1)

  – You have an obligation to act and vote as an individual and not under the direction of any other individual or group. Your obligation to act and vote as an individual applies in all cases, regardless of any external commitments, agreements, contracts, or orders.

  – You shall not direct the actions or votes of any other member of an IEEE 802 Working Group or retaliate against any other member for their actions or votes within IEEE 802 Working Group meetings, see https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf section 5.2.1.3 and http://ieee802.org/PNP/approved/IEEE_802_WG_PandP_v19.pdf section 3.4.1, list item x

◻ By participating in IEEE 802 meetings, you accept these requirements. If you do not agree to these policies then you shall not participate.

The following are 802.1 voters (60):

Assmann, Ralf
Bao, Shenghua
Bechtel, Gordon
Bierschenk, Jens
Bjornstad, Steinar
Boiger, Christian
Bottorff, Paul
Canchi, Radhakrishna
Chen, David
Chen, Feng
Cheng, Weiying
Congdon, Paul
Cummings, Rodney
Elbakoury, Hesham
Farkas, Janos
Finn, Norman
Fontaine, Mickael
Garner, Geoffrey
Gray, Eric W
Gunther, Craig

Gutierrez, Marina
Haddock, Stephen
Hantel, Mark
Holness, Marc
Kabra, Lokesh
Karl, Michael
Keen, Hal
Kehrer, Stephan
Koto, Hajime
Li, Yizhou
Mangin, Christophe
Mansfield, Scott
McIntosh, James
Messenger, John
Moskowitz, Robert
Mustala, Tero
Ohsawa, Tomoki
Pannell, Donald R
Parsons, Glenn
Pienciak, Walter

Potts, Michael
Randall, Karen
Riegel, Maximilian
Rouyer, Jessy V
Samii, Soheil
Sato, Atsushi
Schewe, Frank
Seaman, Michael
Specht, Johannes
Thaler, Patricia
Unbehagen, Paul
Wang, Xinyuan
Wang, Tongtong
Wang, Hao
Weber, Karl
Wei, Qui
Weis, Brian
Woods, Jordon
Yu, Xiang
Zein, Nader

Future interim meetings

- May 21-25, 2018
  - [Ethernet Alliance](#) in Pittsburgh, USA
- September 10-14, 2018
  - [Transpacket](#) in Oslo, Norway
- Jan 14-18, 2019
  - [FFPA proposal](#) in Hiroshima, Japan
- May 20-24, 2019
  - [Ethernet Alliance](#) in North America
- Sept 2019
  - Potential ADVA Optical Networking proposal
- Jan 2020
  - Geneva?

Sanity check – current workload

Project	Subject	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1Qcc	SRP enhancements & performance improvements	Sponsor Ballot - cond	Sponsor Ballot recirc	D2.1	RevCom conditional	Dec '19
802.1CF	Access network (OmniRAN)	WG ballot	TG ballot	D1.0	WG ballot	Dec '18
802.1AS-REV	Time synch enhancements	PAR modification	WG ballot	D6.0	Sponsor Ballot (July)	Dec '19
802.1Qcj	Auto Attach to PBB	TG Ballot	TG Ballot	D0.2	WG ballot	Dec '19
802.1Xck	802.1X YANG data model	WG ballot	WG ballot recirc	D2.0	Sponsor Ballot	Dec '19
802.1CM	Profile for Fronthaul	Sponsor Ballot	Sponsor Ballot	D2.0	RevCom conditional	Dec '19
802.1Qcy	EVB VDP extension	Sponsor Ballot	Sponsor Ballot	D2.1	Sponsor Ballot	Dec '19
802.1Qcp	802.1Q YANG data model	Sponsor Ballot - cond	Sponsor Ballot recirc	D2.0	RevCom conditional	Dec '19
802E	Privacy	TG ballot	TG ballot	D0.7	TG Ballot	Dec '19
802.1CQ	Local Address protocol	PAR approved	Editor's draft	D0.1	Editor's draft	Dec '20
802.1Qcr	Asynchronous Traffic Shaping	TG ballot	TG ballot	D0.3	PAR modification - YANG	Dec '20
802.1CS	LRP	TG ballot	TG ballot	D1.2	TG ballot	Dec '21
802.1AX-REV	Link Aggregation	WG ballot	TG ballot	D0.1	WG Ballot	Dec '20
802.1AR-REV	Secure Device Identity	Sponsor Ballot	Sponsor Ballot recirc	D2.6	RevCom	Dec '21
802.1Q-REV	Bridges and Bridged Networks	Sponsor Ballot	Sponsor Ballot	D2.1	RevCom	Dec '20
802.1AE-REV	MAC security	WG ballot	WG ballot recirc	D1.1	Sponsor Ballot	Dec '21
802.1ACct	support for 802.15.3	PAR development	PAR Approved		Editor's draft	Dec '21
802.1ABcu	LLDP YANG	TG Ballot	Editor's draft	D0.0	TG ballot	Dec '21
802.1CBcv	FRER YANG & MIB	PAR development	PAR development		NesCom	
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	TG Ballot	Editor's draft		TG ballot	Dec '21
802.1Qcx	CFM YANG	TG Ballot	Editor's draft	D0.1	TG ballot	Dec '21
802.1AC/cor1	MAC Service	Sponsor Ballot	WG ballot	D2.0	Sponsor Ballot	Dec '21
802.1Qcz	Congestion Isolation	PAR development	PAR development		NesCom	
802.1CBdb	FRER (CBcv) extensions	PAR development	PAR development		NesCom	
60802 (DA)	Profile for Industrial Automation	PAR development	PAR development		NesCom	
802.1DC	Queuing for non-bridges	PAR development	PAR development		NesCom	
802.1X-REV	Port Access Control				NesCom	

802.1 plenary schedule

V4

IEEE 802 PLENARY SESSION
Rosemont (Chicago), Illinois
March 4-9, 2018

802.1 tracks and times

	SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
07:00-07:30						
07:30-08:00						
08:00-08:30		Trk 1: TSN / Opening 802 EC plenary	MTN TG	Trk 1: TSN / Trk 2: DCB / Trk4 SEC	Trk 1: TSN / ITU SC / Trk 4: SEC / Trk 5: JWG	Trk 1: TSN
08:30-09:00						
09:00-09:30						
09:30-10:00						
10:00-10:30		Break	Break	Break	Break	Break
10:30-11:00		Opening 802.1 plenary	Trk 1: TSN / Trk 2: DCB / Trk 4: SEC	Trk 1: TSN / Trk 2: DCB / Trk 4: SEC / Trk 5: JWG	Trk 1: TSN / Trk 3: OR / Trk 4: SEC / Trk 5: JWG	Closing 802.1 Plenary
11:00-11:30						
11:30-12:00						
12:00-12:30						
12:30-13:00		Lunch	Lunch / Editors Mtg	Lunch	Lunch / Editors Mtg	Lunch
13:00-13:30						
13:30-14:00		Trk 1: TSN / Trk 3: OR	Trk 1: TSN / JTC1 SC / Trk 3: OR / Trk 4: SEC / Trk 5: JWG	Midweek 802.1 plenary	Trk 1: TSN / Trk 2: DCB / Trk 3: OR / Trk 4: SEC / Trk 5: JWG	Closing 802 EC plenary
14:00-14:30						
14:30-15:00						
15:00-15:30						
15:30-16:00		Break	Break	Break	Break	
16:00-16:30		Trk 1: TSN / Trk 3: OR / Trk 4: SEC	Trk 1: TSN / Trk 3: OR / Trk 4: SEC / Trk 5: JWG	Trk 1: TSN / Trk 2: DCB / Trk 3: OR 5G / Trk 4: SEC / Trk 5: JWG	Trk 1: TSN / Trk 2: DCB / Trk 4: SEC	
16:30-17:00						
17:00-17:30						
17:30-18:00						
18:00-18:30		802.1 & TSN Newcomers	Break	Break	Joint 802.1 & 802.24	KEY:
18:30-19:00	TG Chairs Mtg		Joint 802.1 & 802.15	Networking Reception	TSN - 802.1AS	JWG: IEEE/IEC Joint WG
19:00-19:30						TSN: Time Sensitive Netw'kg
19:30-20:00		YANGsters	IC - 802 NEND			MTN TG: Maintenance TG
20:00-20:30						SEC: Security
20:30-21:00						DCB: Data Center Bridging
21:00-21:30						OR: OmniRAN
21:30-22:00						
22:00-22:30						

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Use of random MAC addresses

- Pre-Association Service Discovery Summary
  - – Stephen McCann, chair of 802.11 TG aq

5 day vs 4 day plenary

- 5 day interims from January 2018
- 5 day plenary trial
  - November 2017 & March 2018
  - Monday to Friday
    - Opening plenary Monday AM2
    - Closing plenary on Friday morning AM2
    - Mid-week plenary Wednesday PM2
  - Do we continue or revert to 4 day?
    - Pro – extra ½ day for WG
    - Con – extra work for management

Motions for midweek plenary

- For motions requiring EC action (EC-16-170)
  - PARs to NesCom
  - Drafts to Sponsor ballot
  - Drafts to RevCom
- EC required supporting material must be sent to the WG chair before the motion is considered
  - Preferably in the motion slides
- Consent agenda (EC-16-183)
  - Motions must be sent to EC by noon Wednesday

Midweek motions

- For EC consent agenda

EC Consent Agenda - 1

❑ **PARs to NesCom (ME)**
- ❑ P60802 - Standard: Time-Sensitive Networking Profile for Industrial Automation
- ❑ P802.1CBcv - Amendment: Information Model, YANG Data Model and Management Information Base Module
- ❑ P802.1CBdb - Amendment: Extended Stream Identification Functions
- ❑ P802.1DC - Standard for Quality of Service Provision by Network Systems
- ❑ P802.1Qcz - Amendment: Congestion Isolation
- ❑ P802.1X-REV – Port-Based Network Access Control

❑ **Drafts to Sponsor ballot (ME)**
- ❑ IEEE P802.1Xck – Port-Based Network Access Control   Amendment: YANG Data Model
- ❑ IEEE P802.1AE-REV - Media Access Control (MAC) Security
- ❑ IEEE P802.1AC/cor1 – Media Access Control (MAC) Service Definition - Corrigendum 1: Logical Link Control (LLC) Encapsulation EtherType

EC Consent Agenda - 2

❏ Drafts to RevCom (ME)
   - ❏ P802.1Qcc –Bridges and Bridged Networks Amendment: Stream Reservation Protocol (SRP) Enhancements and Performance Improvements (Conditional)
   - ❏ P802.1Qcp – Bridges and Bridged Networks Amendment: YANG Data Model. (Conditional)
   - ❏ P802.1CM - Time-Sensitive Networking for Fronthaul. (Conditional)
   - ❏ P802.1AR-REV – Secure Device Identity
   - ❏ P802.1Q-REV - Bridges and Bridged Networks

❏ Liaisons (II)
   - ❏ Liaison to IETF - 802.1Qcy comments

❏ Items to SC6 (ME)
   - ❏ FDIS comment responses for 802c & 802.1Qci to SC6 under PSDO
   - ❏ P802.1Xck, P802.1AC-2016-Cor-1, P802.1Qcy & P802.1AE-REV drafts to SC6 for information under PSDO

PARS TO NESCOM

Motion

- Approve forwarding P60802 PAR documentation in http://ieee802.org/1/files/public/docs2018/60802-PAR-0318-v01.pdf to NesCom

- Approve CSD documentation in http://ieee802.org/1/files/public/docs2018/60802-CSD-0318-v01.pdf

- In the WG (y/n/a): 43, 0, 0
  - Proposed: János Farkas   Second: Craig Gunther

- In EC, mover: Glenn Parsons   Second: Pat Thaler
  - (y/n/a): <y>,<n>,<a>

Motion

- Approve forwarding P802.1CBcv PAR documentation in http://www.ieee802.org/1/files/public/docs2018/cv-PAR-0318-v01.pdf to NesCom

- Approve CSD documentation in http://ieee802.org/1/files/public/docs2018/cv-CSD-0318-v01.pdf

- In the WG (y/n/a): 41, 0, 0
  – Proposed: Stephan Kehrer   Second: János Farkas

- In EC, mover: Glenn Parsons   Second: Pat Thaler
  – (y/n/a): <y>,<n>,<a>

Motion

- Approve forwarding P802.1CBdb PAR documentation in http://ieee802.org/1/files/public/docs2018/db-PAR-0318-v01.pdf to NesCom

- Approve CSD documentation in http://ieee802.org/1/files/public/docs2018/db-CSD-0318-v01.pdf

- In the WG (y/n/a): 43, 0, 0
  - Proposed: Christophe Mangin   Second: János Farkas

- In EC, mover: Glenn Parsons   Second: Pat Thaler
  - (y/n/a): <y>,<n>,<a>

Motion

- Approve forwarding P802.1DC PAR documentation in http://ieee802.org/1/files/public/docs2018/dc-PAR-0318-v01.pdf to NesCom

- Approve CSD documentation in http://ieee802.org/1/files/public/docs2018/dc-CSD-0318-v01.pdf

☐ In the WG (y/n/a): 32, 3, 4
  – Proposed: Norman Finn   Second: János Farkas

☐ In EC, mover: Glenn Parsons   Second: Pat Thaler
  – (y/n/a): <y>,<n>,<a>

Motion

- Approve forwarding P802.1Qcz PAR documentation in http://www.ieee802.org/1/files/public/docs2018/cz-congdon-congestion-isolation-PAR-0318-v1.pdf to NesCom

- Approve CSD documentation in http://www.ieee802.org/1/files/public/docs2018/cz-congdon-congestion-isolation-CSD-0318-v01.pdf

- In the WG (y/n/a):   11, 4, 23
  - Proposed: Paul Congdon   Second: Yolanda YU
  - Motion FAILS

MOTION

☐ Approve sending P802.1X-Rev PAR documentation in
  http://www.ieee802.org/1/files/public/docs2018/x-rev-seaman-draft-par-0318-v03.pdf to NesCom

☐ In the WG,
  mover: Mick Seaman Second: Brian Weis

- (y/n/a):   41 , 0 , 0

- In the EC, mover: Glenn Parsons Second: Pat Thaler

  - (y/n/a):   ,   ,

Note: there are no CSD responses for this maintenance PAR.

DRAFTS TO SPONSOR BALLOT

MOTION

- Approve sending P802.1Xck-D2.0 to Sponsor Ballot

- Confirm the CSD for P802.1Xck in
  https://mentor.ieee.org/802-ec/dcn/15/ec-15-0070-00-ACSD-802-1xck.docx

- See http://www.ieee802.org/1/files/private/xck-drafts/d2/802-1Xck-d2-0-dis.pdf for supporting documentation
  - P802.1Xck Port-Based Network Access Control—YANG Data Model
  - Ballot closed 12/12/2017. 100% Approval. 77% Response. No comments.
  - Approve: 17   Disapprove: 0   Abstain: 20

- In the WG, mover: Mick Seaman Second: Brian Weis
  - (y/n/a):   41 , 0 , 0

- In the EC, mover: Glenn Parsons Second: Pat Thaler
  - (y/n/a):   ,   ,

MOTION

- Approve sending P802.1AE-Rev-D1.1 to Sponsor Ballot

  [Maintenance PAR, no CSD]

- See http://www.ieee802.org/1/files/private/ae-rev-drafts/d1/802-1AE-rev-d1-1-dis.pdf for supporting documentation
  - P802.1AE-Rev Media Access Control (MAC Security)
  - Ballot closed 3/6/2018. 100% Approval. 75% Response
  - Approve: 21   Disapprove: 0   Abstain: 22   Approval: 100%

- In the WG, mover: Brian Weis Second: John Messenger
  - (y/n/a):   42 , 0 , 0

- In the EC, mover: Glenn Parsons Second: Pat Thaler
  - (y/n/a):   ,   ,

MOTION

- Approve sending P802.1AC-2016-Cor-1 to Sponsor ballot
- P802.1AC-2016-Cor-1 had 100% approval at the end of the last working group ballot.

- Proposed: John Messenger Second: Jessy Rouyer
- For_42__Against_0__Abstain_0___

- EC proposed: Glenn Parsons Second: Pat Thaler
- For____Against___Abstain____

[Maintenance PAR, no CSD]

Supporting Information for P802.1AC-2016-Cor-1 to Sponsor ballot

Media Access Control (MAC) Service Definition - Corrigendum 1:
Logical Link Control (LLC) Encapsulation EtherType

BALLOT OPEN DATE: 6-Dec-2017

BALLOT CLOSE DATE: 9-Jan-2018

DRAFT #: D1.2

BALLOTS RECEIVED: 30

COMMENTS: 0

RESPONSE RATE
This ballot has met the 50% returned ballot requirement.

56 eligible people in this ballot group.

27	affirmative votes
0	total negative votes with comments
0	negative votes without comments
3	abstention votes
30	votes received = 54% returned
	10% abstention

APPROVAL RATE
The 75% affirmation requirement is being met.

27	affirmative votes
0	negative votes with comments
27	votes = 100% affirmative

DRAFTS TO REVCOM

Motion

- Conditionally approve sending P802.1Qcc to RevCom

- Approve CSD (5C) documentation in http://www.ieee802.org/1/files/public/docs2013/new-p802-1qcc-draft-5c-0513-v2.pdf

- P802.1Qcc D2.1 had 98 % approval at the end of the last sponsor recirculation ballot

- In the WG (y/n/a): 42, 0, 0
  - Proposed: Rodney Cummings   Second: János Farkas

- In EC, mover: Glenn Parsons   Second: Pat Thaler
  - (y/n/a): <y>,<n>,<a>

Supporting information P802.1Qcc

- Ballot closed: 2 March 2018
- 3 votes changed during the ballot comment resolution resulting in
  - 1 Disapprove vote
  - no outstanding Must Be Satisfied comments
- Comment resolution available here: http://ieee802.org/1/files/private/cc-drafts/d2/802-1Qcc-d2-1-dis-v1.pdf
- Second recirculation ballot will be conducted during March with comment resolution on the TSN TG calls. A possible final recirculation in April if required with comment resolution on the TSN TG calls and/or during the May 802.1 Interim.

Recirculation #1 Initial Ballot

Ballot Open Date:	20-Feb-2018
Ballot Close Date:	02-Mar-2018
Type:	New
Draft #:	2.1
Ballots Received:	7
Vote Changes:	3
Comments:	12
Must Be Satisfied Comments:	1

RESPONSE RATE
This ballot has met the 75% returned ballot requirement.

74 eligible people in this ballot group.

- 61 affirmative votes
- 1 total negative votes with comments
- 1 negative votes with new comments
- 0 negative votes without comments
- 2 abstention votes: (Lack of expertise: 2)

64 votes received = 86% returned
3% abstention

APPROVAL RATE
The 75% affirmation requirement is being met.
- 61 affirmative votes
- 1 negative votes with comments

62 votes = 98% affirmative

Supporting information P802.1Qcc

- Voter with Disapprove vote:
  - Kehrer, Stephan
  - Voter is satisfied with the resolution of his Must Be Satisfied comment

Motion

- Conditionally approve sending P802.1Qcp to RevCom

- Approve CSD documentation in https://mentor.ieee.org/802-ec/dcn/17/ec-17-0157-00-ACSD-802-1qcp.docx

- P802.1Qcp D2.1 had 100 % approval at the end of the last sponsor recirculation ballot

- In the WG (y/n/a): 39, 0, 0
  - Proposed: Marc Holness   Second: János Farkas

- In EC, mover: Glenn Parsons   Second: Pat Thaler
  - (y/n/a): <y>,<n>,<a>

Supporting information P802.1Qcp

- Ballot closed: 19 February 2018
- no Disapprove votes,
- no Must Be Satisfied comments
- Comment resolution available here:
  http://ieee802.org/1/files/private/cp-drafts/d2/802-1Qcp-d2-1-dis-v01.pdf
- Recirculation ballot will be conducted during March with comment resolution on the TSN TG calls. A possible final recirculation in April if required with comment resolution on the TSN TG calls and/or during the May 802.1 Interim.

Recirculation #1 Initial Ballot

Ballot Open Date:	09-Feb-2018
Ballot Close Date:	19-Feb-2018
Type:	New
Draft #:	2.1
Ballots Received:	3
Comments:	5

RESPONSE RATE
This ballot has met the 75% returned ballot requirement.

74 eligible people in this ballot group.

- 57 affirmative votes
  - 0 total negative votes with comments
  - 0 negative votes with new comments
  - 0 negative votes without comments
  - 3 abstention votes: (Lack of expertise: 1, Lack of time: 2)

60 votes received = 81% returned
5% abstention

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

57 votes = 100% affirmative

MOTION

- Approve sending P802.1AR-Rev D2.6 to RevCom

- Confirm the CSD for P802.1AR-Rev in
  https://mentor.ieee.org/802-ec/dcn/17/ec-17-0160-00-ACSD-802-1ar-rev.pdf

- P802.1AR-Rev D2.6 had 98% approval at the end of the last sponsor recirculation ballot.

- In the WG, mover: Brian Weis Second: John Messenger

  - (y/n/a): 43 , 0 , 0

- In the EC, mover: Glenn Parsons Second: Pat Thaler

  - (y/n/a): , ,

Supporting Information for P802.1AR-REV to RevCom

See

http://www.ieee802.org/1/files/private/ar-rev-drafts/d2/802-1AR-rev-d2-6-sponsor-recirc2-dis.pdf

for supporting documentation

1 unsatisfied voter with 1 must be satisfied comment

P802.1AR Standard for Local and Metropolitan Area Networks - Secure Device Identity

Recirculation #2 Recirculation #1 Initial Ballot

Ballot Open Date: 13-Jan-2018
Ballot Close Date: 23-Jan-2018
Type: Revision
Draft #:   2.6
Ballots Received: 4
Vote Changes: 2

RESPONSE RATE
This ballot has met the 75% returned ballot requirement.

93 eligible people in this ballot group.

  75 affirmative votes
   1 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)
   80 votes received = 86% returned
       5% abstention

APPROVAL RATE
The 75% affirmation requirement is being met.
  75 affirmative votes
   1 negative votes with comments
   76 votes = 98% affirmative

P802.1AR-REV outstanding comment

P802.1AR-Rev/D2.2 Secure Device Identity Initial Sponsor ballot comments

CI 10	SC 10.2.1	P 34	L 32	# I-5

Rannow, R K   IEEE member / Self E

Comment Type   G   Comment Status   R

The sentence includes the use of a colon, but do not see a list of items, thus confusing grammar:

DevIDs (secrets, certificates, and chain certificates) to the device whose identity can be asserted: they

Suggested Remedy

Should the colon be a semi-colon.

There appears to be a plethora of grammatical opportunities that make for a difficult, confusing, or otherwise unprofessional document.

Response   Response Status   C

REJECT.
The proper use of a colon is not limited to the introduction of a list, but includes joining two independent clauses where the second interprets or amplifies the first (as in this case—the comment has abbreviated the first). See Strunk & White, Elements of Style, or perhaps more conveniently google "use of colon" or "use of colon strunk and white". Following approval IEEE Standards are professionally edited to conform to house style.

MOTION

- Approve sending P802.1Q-Rev/D2.2 to RevCom
- P802.1Q-Rev/D2.2 had 100% approval at the end of the last sponsor recirculation ballot.

- Proposed: John Messenger Second: Jessy Rouyer
- For_43__Against_0__Abstain_0___

- EC proposed: Glenn Parsons Second: Pat Thaler
- For____Against___Abstain____

Supporting Information for P802.1Q-REV to RevCom

BALLOT OPEN DATE: 18-Feb-2018

BALLOT CLOSE DATE: 28-Feb-2018

TYPE: Revision

DRAFT #: D2.2

BALLOTS RECEIVED: 5

VOTE CHANGES: 2

COMMENTS: 1

APPROVAL RATE

The 75% affirmation requirement is being met.

84	affirmative votes
0	negative votes with comments
84	votes = 100% affirmative

RESPONSE RATE

This ballot has met the 75% returned ballot requirement.

106 eligible people in this ballot group.

84	affirmative votes
0	total negative votes with comments
0	negative votes with new comments
0	negative votes without comments
9	abstention votes: (Lack of time: 8, Other: 1)
93	votes received = 87% returned
	9% abstention

LIAISONS

Motion

- Approve
  http://ieee802.org/1/files/public/docs2018/dcb-liaison-ietf-nvo3-vdp-1803-v1.pdf
  as communication from IEEE 802.1 to IETF, granting the IEEE 802.1 chair (or his delegate) editorial license.
  - This approval is under LMSC OM "Procedure for coordination with other standards bodies"

- In the WG (y/n/a):   36, 0, 0
  - Proposed: Pat Thaler   Second: Jessy Rouyer
- Information item in EC

JTC1 SC6 PSDO ITEMS

MOTION

- Approve liaison of the following comment responses to ISO/IEC JTC1/SC6 under the PSDO agreement:
  - IEEE Std 802c
    http://www.ieee802.org/1/files/public/docs2018/802c-Marks-JTC1-SC6-pdis-0318-r2.docx
  - IEEE Std 802.1Qci
    http://ieee802.org/1/files/public/docs2018/admin-messenger-proposed-responses-to-psdo-comments-on-qci-0318-v2.docx

- Proposed: Pat Thaler Second: Rodney Cummings
- For__35__Against__0_Abstain__0__

- EC proposed: Glenn Parsons Second: Pat Thaler
- For____Against___Abstain____

MOTION

- Approve liaison of the following draft(s) to ISO/IEC JTC1/SC6 for information under the PSDO agreement
  - P802.1Xck
  - P802.1AC-2016-Cor-1
  - P802.1Qcy
  - P802.1AE-REV
- Proposed: John Messenger Second: Jessy Rouyer
- For_34__Against_0__Abstain_0___

- EC proposed: Glenn Parsons Second: Pat Thaler
- For____Against___Abstain____

Midweek motions

- For WG internal business

MOTION: Plenary

- IEEE 802.1 WG approves to hold plenary meetings over 4 days at future IEEE 802 plenary sessions as follows:
  - Opening plenary – Monday AM2
  - Closing plenary – Thursday PM

Proposed: John Messenger

Seconded: Mick Seaman

- Y: 27   N: 9   A: 2

MOTION: interim

- 802.1 WG approves an interim meeting hosted by FFPA from January 14-18, 2019 as described in:

  - http://www.ieee802.org/1/files/public/docs2018/admin-koto-Hiroshima-interim-proposal-0318-v02.pdf

- Proposed: Hajime KOTO   Second: Jordon Woods
- Y: 36 N: 0   A: 2

MOTION - teleconference

- Authorize Maintenance TG to hold teleconferences on 15th May and 3rd July 2018 at 11am ET if necessary. Access information will be posted to the 802.1 reflector in advance.

- Proposed: John Messenger
  Second: Jessy Rouyer

- Approved by Acclamation

MOTION - teleconference

- 802.1 authorizes the Security Task Group to hold teleconferences to progress P802.1X-Rev, P802.1AE-Rev, P802.1Xck, P802E and task group matters arising:
  - Dates/times to be announced subject to notice of at least 10 days to the 802.1 email exploder

- Proposed: Mick Seaman
  Second: John Messenger
- Approved by Acclamation

Motion - teleconference

- Authorize DCB teleconference for P802.1Qcy sponsor ballot comment resolution.
  – Tuesday, 19 June 2018, 1530 to 1800 PT

- Proposed: Pat Thaler   Second: Paul Congdon
- Approved by Acclamation

Motion: PAR modification

- 802.1 authorizes the May 2018 Interim to generate a PAR modification and CSD update for pre-circulation to the EC for P802.1Qcr Bridges and Bridged Networks Amendment: Asynchronous Traffic Shaping.

- Proposed: Johannes Specht
- Second: János Farkas

- In the WG (y/n/a): 36, 0, 0

Motion – pre-meeting

- 802.1 resolves to hold pre-meeting(s) on the Monday morning of the July 2018 Plenary session for TSN.

- Proposed: János Farkas
- Second: Craig Gunther

Approved by Acclamation

Motion: Conference Calls

- The TSN TG will continue to have virtual conferences weekly on Mondays from 8AM (US-Pacific) to 10AM (US-Pacific).
- Access information is posted on the http://www.ieee802.org/1/tsn page and will be updated as necessary.
- Agenda will be announced on the 802.1 email reflector at least by the Friday before the call.

- Proposed: János Farkas
- Second: Craig Gunther

Approved by Acclamation

Motion - teleconference

- 802.1 authorizes the TSN Task Group to hold a bi-weekly teleconference starting March 19, 2018 for the TSN Profile for Industrial Automation work together with IEC 65C/MT9 on Mondays from 6AM (US-Pacific) to 8AM (US-Pacific).
- Access information is posted on the http://www.ieee802.org/1/tsn page and will be updated as necessary.
- Agenda will be announced on the 802.1 email reflector at least by the Friday before the call.

- Proposed: János Farkas
- Second: Stephan Kehrer

Approved by Acclamation

802.1 WG election

- Nominations are invited at any time until the start of the midweek 802.1 Plenary in March 2018

- The existing Chair and Vice-Chair are standing for re-election.

- If there are multiple nominees for a post, then an election will take place in which only 802.1 voters participate and in which each voter casts a single vote for their preferred candidate. To win the election, a majority of voters present in the room is required. If a majority is not achieved, then the candidate with the least number of votes is eliminated and the vote re-taken.

- A motion to approve the winning candidate (in the case of an election) or the single nominee (in the event that there is only one candidate for the post) will then be made and voted upon by 802.1 voting members.

Motion: 802.1 chair

- 802.1 approves Glenn Parsons as the chair of the 802.1 working group

- Proposed: Nader Zein
- Second: Gordon Bechtel

- Y: 37 N: 0 A: 1

Motion: 802.1 vice-chair

- 802.1 approves John Messenger as the vice-chair of the 802.1 working group

- Proposed: Craig Gunther
- Second: Don Pannell

- Y: 37   N: 0   A: 1

Any other business?