IEEE 802.1

Closing Plenary
March 2023

Glenn Parsons – IEEE 802.1 WG Chair

glenn.parsons@ericsson.com

802.1 plenary agenda

Monday, March 13th opening

- [Copyright Policy](#)
- [Call for Patents](#)
- [Participant behavior](#)
- Administrative
- Membership status
- Future Sessions
- 802 EC report
- Incoming Liaisons
- Promotion
- Sanity check – current projects
- TG agendas
- Any other business

Thursday, March 16th closing

- [Copyright Policy](#)
- [Call for Patents](#)
- [Participant behavior](#)
- Membership status
- Future Sessions
- Sanity check – current projects
- TG reports
- Outgoing Liaisons
- Motions for EC
- Motions for 802.1
- Any other business

REGISTRATION FEE

Access to this session* requires a registration fee.

Please check the session announcement for details before attending.

* IEEE 802.1 holds 3 plenary sessions and 3 interim sessions a year.
No registration fee is required for IEEE 802.1 electronic meetings held between these sessions.

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MIXED MODE GUIDELINES

All meetings are supported by an in-person mixed mode facilitator

- Project in the meeting room
- Appear in WebEx as "Meeting Room"
- Broadcast meeting room audio
- Mute or remove noisy lines
- Monitor the WebEx queue

The chair runs the meeting

- Responsible for recognizing people in two queues
  - In person at the mic
  - On WebEx (assisted by facilitator)
- May not follow the WebEx chat

All presenters present via WebEx

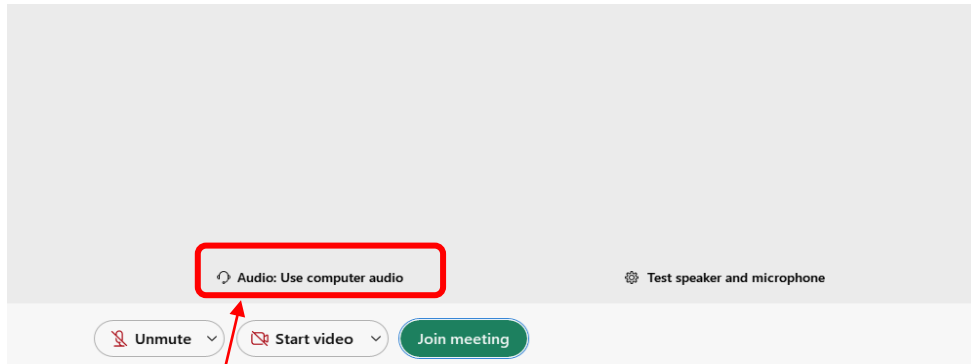**If you are in-person, you may join WebEx to**

- Present
- See the screen
- Chat (*not part of the meeting*)

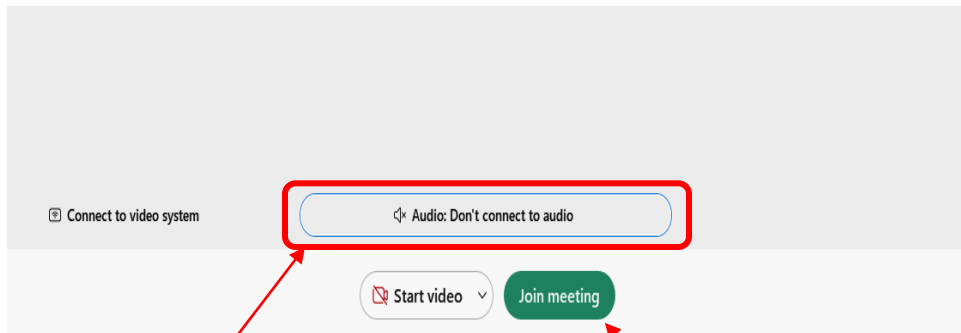**If you are in-person and join WebEx**

- **DO NOT connect to the audio**
- After you **accept** the IEEE SA terms
- Before you **click join meeting**
- Change your audio:

🔇 Audio: Don't connect to audio

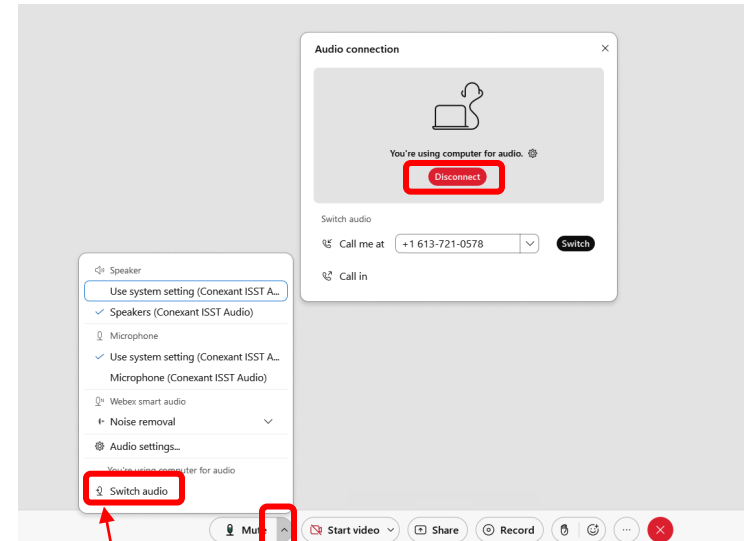**IEEE SA** STANDARDS ASSOCIATION

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YET TO JOIN

Select: "**Audio Use Computer Audio**"

From the selection choose:
"**Don't Connect to Audio**"

Once completed:
join meeting

ALREADY JOINED

Click on: ^
Select: "**Switch audio**"
Select "**Disconnect**"

ELECTRONIC MEETING GUIDELINES

Please mute yourself when you are not speaking

Please put yourself into the queue "at the mic" via the Chat, e.g.: "+q" / "-q"
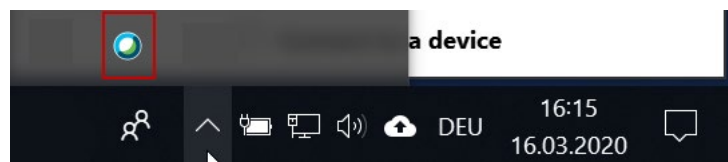
Please provide your information

- First and last names
- Affiliation, after your last name, e.g., in square brackets
- (may provide them in the Chat window)

Changing your data in Webex
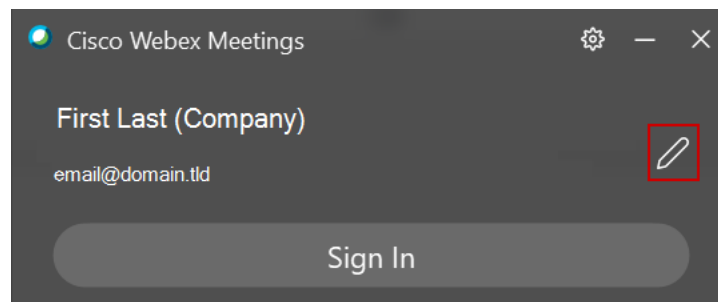
Step 1

- Go to the "Display hidden icons" arrow in the Windows task bar

- Right-click on the Webex icon and select "Open Cisco Webex Meetings"

Step 2

- In the Webex Windows that opens, Click on the pencil icon* next to your display information

(*) May need to Exit Webex via the cog wheel and restart the desktop Webex app to see the pencil icon. May also need to log in as guest.

DECORUM
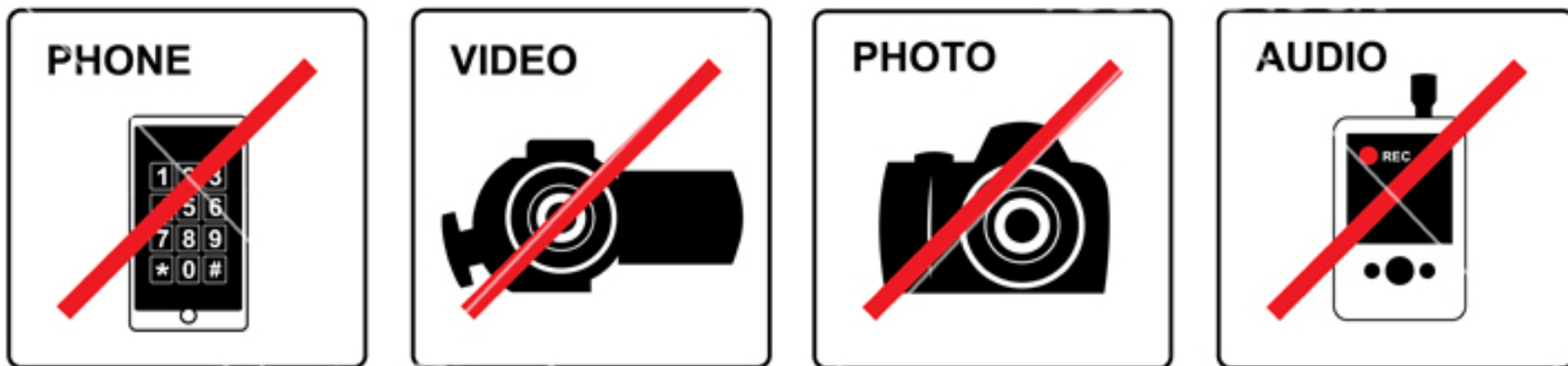
- **Press (i.e., anyone reporting publicly on this meeting) are to announce their presence** *(5.3.3.3 of SASB Operations Manual)*

- **Video/Audio recording by participants is prohibited** *(5.3.3.2 of SASB Operations Manual)*

- **Photography by permission only** *(5.3.3.2 of SASB Ops Manual)*

- **Cell phone ringers off please**

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ATTENDANCE

Please record your attendance in IMAT at https://imat.ieee.org

- **This requires a free IEEE Account.**

- **Please create one only if you do not yet have an IEEE Account.**

Schedule	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
TSN TG						🟨											

Please record your attendance for an active meeting (denoted by a yellow bar) by clicking on the yellow bar. Once your attendance has been recorded, the yellow bar changes to a green bar.

The data from IMAT is used as the meeting participant list.

- **Please promptly provide your affiliation to the minute taker if you are unable to record your attendance in IMAT.**

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Affiliation

- You must declare your affiliation(s) which includes employer(s)
  - Per SASB Bylaws 5.2.1.5 & SASB OpsMan 5.1.2.3
    - Also see https://standards.ieee.org/faqs/affiliation.html
  - In meetings
    - In-person (and current plenary session) meeting registration system
    - myProject system for IMAT attendance, ePoll & myBallot
    - Electronic meeting participant list
    - First time you speak in a session
  - When balloting
    - 802.1 ballot email responses for TG & WG ballots
    - myProject system for SA ballot

- Please keep your affiliation* and employer** information up-to-date

(*) Sign in myProject > Menu > Manage Profile & Interests > Personal & Professional Info > fill in Employer field > Save
(**) Sign in ieee.org > Your Name > Profile > Professional and Education Information > edit Employment information > fill in Employer field > Save

INSTRUCTIONS FOR CHAIRS OF STANDARDS DEVELOPMENT ACTIVITIES

At the beginning of each standards development meeting the chair or a designee is to:

- Show the following slides (or provide them beforehand)
- Advise the standards development group participants that:
- IEEE SA's copyright policy is described in Clause 7 of the IEEE SA Standards Board Bylaws and Clause 6.1 of the IEEE SA Standards Board Operations Manual;
- Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy;
- Instruct the Secretary to record in the minutes of the relevant meeting:
- That the foregoing information was provided and that the copyright slides were shown (or provided beforehand).
- Ask participants to register attendance in IMAT: https://imat.ieee.org

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IEEE SA COPYRIGHT POLICY

By participating in this activity, you agree to comply with the IEEE Code of Ethics, all applicable laws, and all IEEE policies and procedures including, but not limited to, the IEEE SA Copyright Policy.

- Previously Published material (copyright assertion indicated) shall not be presented/submitted to the Working Group nor incorporated into a Working Group draft unless permission is granted.

- Prior to presentation or submission, you shall notify the Working Group Chair of previously Published material and should assist the Chair in obtaining copyright permission acceptable to IEEE SA.

- For material that is not previously Published, IEEE is automatically granted a license to use any material that is presented or submitted.

IEEE SA COPYRIGHT POLICY

- The IEEE SA Copyright Policy is described in the IEEE SA Standards Board Bylaws and IEEE SA Standards Board Operations Manual

  - IEEE SA Copyright Policy, see
    Clause 7 of the IEEE SA Standards Board Bylaws
    https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7
    Clause 6.1 of the IEEE SA Standards Board Operations Manual
    https://standards.ieee.org/about/policies/opman/sect6.html

- IEEE SA Copyright Permission
  - https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/permissionltrs.zip

- IEEE SA Copyright FAQs
  - http://standards.ieee.org/faqs/copyrights.html/
- IEEE SA Best Practices for IEEE Standards Development
  - http://standards.ieee.org/develop/policies/best_practices_for_ieee_standards_development_051215.pdf

- Distribution of Draft Standards (see 6.1.3 of the SASB Operations Manual)
  - https://standards.ieee.org/about/policies/opman/sect6.html

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.

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

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

OTHER GUIDELINES FOR IEEE WORKING GROUP 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. Formally object to the discussion immediately.**

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

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PATENT-RELATED INFORMATION

The patent policy and the procedures used to execute that policy are documented in the:

- *IEEE SA Standards Board Bylaws* (http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6)

- *IEEE SA Standards Board Operations Manual* (http://standards.ieee.org/develop/policies/opman/sect6.html#6.3)

Material about the patent policy is available at *http://standards.ieee.org/about/sasb/patcom/materials.html*

If you have questions, contact the IEEE SA Standards Board Patent Committee Administrator at patcom@ieee.org

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Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct

- All participants in IEEE-SA activities are expected to adhere to the core principles underlying the:
  - IEEE Code of Ethics
  - IEEE Code of Conduct

- The core principles of the IEEE Codes of Ethics & Conduct are to:
  - *Uphold the highest standards of integrity, responsible behavior, and ethical and professional conduct*
  - *Treat people fairly and with respect, to not engage in harassment, discrimination, or retaliation, and to protect people's privacy.*
  - *Avoid injuring others, their property, reputation, or employment by false or malicious action*

- The most recent versions of these Codes are available at http://www.ieee.org/about/corporate/governance

Approved by SASB in June 2019

Participants in the IEEE-SA "*individual process*" shall act independently of others, including employers

- The IEEE-SA Standards Board Bylaws require that "*participants in the IEEE standards development individual process shall act based on their qualifications and experience*"

- This means participants:
  - **Shall act & vote** based on their personal & independent opinions derived from their expertise, knowledge, and qualifications
  - **Shall not act or vote** based on any obligation to or any direction from any other person or organization, including an employer or client, regardless of any external commitments, agreements, contracts, or orders
  - **Shall not direct** the actions or votes of other participants or retaliate against other participants for fulfilling their responsibility to act & vote based on their personal & independently developed opinions

- By participating in standards activities using the "*individual process*", you are deemed to accept these requirements; if you are unable to satisfy these requirements then you shall immediately cease any participation

IEEE-SA standards activities shall allow the fair & equitable consideration of all viewpoints

- The IEEE-SA Standards Board Bylaws (clause 5.2.1.3) specifies that "*the standards development process shall not be dominated by any single interest category, individual, or organization*"
  - This means no participant may exercise "*authority, leadership, or influence by reason of superior leverage, strength, or representation to the exclusion of fair and equitable consideration of other viewpoints*" or "*to hinder the progress of the standards development activity*"

- This rule applies equally to those participating in a standards development project and to that project's leadership group

- Any person who reasonably suspects that dominance is occurring in a standards development project is encouraged to bring the issue to the attention of the Standards Committee or the project's IEEE-SA Program Manager

Approved by SASB in June 2019

Plenary Registration Fee

- Attendance at any meeting held during or as part of the March 2023 Plenary Session requires registering and paying the appropriate fee
  - Early $US600.00 until January 27, 2023
  - Standard $US800.00 until March 3, 2023
  - Late/Onsite $US1000.00 after March 3, 2023

- Registration details http://802world.org/plenary/

- Fee waivers may be granted in advance, exceptionally
  - By WG chair for remote participation
  - By EC for in-person participation

- WiFi: SSID – IEEE802 Password - ieeeieee

General Information

- Meeting contributions
  - http://ieee802.org/1/filenaming.html
  - Please upload 24 hours BEFORE presentation
- Minutes
  - https://1.ieee802.org/category/wg-minutes/
  - https://listserv.ieee.org/cgi-bin/wa?A1=ind21&L=STDS-802-1-MINUTES&O=A&H=0&D=0&T=1 (sorted by chair/secretary)
- Schedule for all WGs
  - All 802.1 - https://1.ieee802.org/wg-calendar/
  - All 802 - http://www.ieee802.org/802tele_calendar.html

- Website
  - http://ieee802.org/1/

Officers and Leadership

- Chair: Glenn Parsons
- Vice-Chair & Recording Secretary: Jessy Rouyer
- Executive Secretary: Stephan Kehrer
- Liaison Secretary: Karen Randall
- Maintenance TG Chair: Paul Congdon
- Security TG Chair: Mick Seaman
  - Security TG Vice-Chair: Karen Randall
- TSN TG Chair: János Farkas
  - TSN TG Vice-Chair: Craig Gunther
  - TSN TG Secretary: Johannes Specht
  - IEC/IEEE 60802 Joint Project Chair: Ludwig Winkel
  - IEC/IEEE 60802 Joint Project Secretary: Josef Dorr
  - IEEE P802.1DP/SAE AS6675 joint project co-Chairs: Abdul Jabbar & János Farkas
  - IEEE P802.1DP/SAE AS6675 joint project Secretary: Marina Gutiérrez
- NENDICA Chair: Roger Marks
- YANGsters Chair: Scott Mansfield
  - YANGsters Vice-Chair and Secretary: Stephan Kehrer
- Maintenance of Email exploder: Mark Hantel and Hal Keen
- Maintenance of website: Mark Hantel, Roger Marks, John Messenger

Editors – current projects

- **802.1Q** – Mick Seaman
  - **P802.1Qcj** – Paul Bottorff
  - **P802.1Qcw** – Marina Gutierrez
  - **P802.1Qcz** – Paul Congdon
  - **P802.1Qdd** – Feng Chen
  - **P802.1Qdj** – Stephan Kehrer
  - **P802.1Qdq** – Hiroki Nakano
  - **P802.1Qdt** – Lily Lv
- **802** – James Gilb
  - **P802f** – Marc Holness
- **802.1AE** - Mick Seaman
  - **P802.1AEdk** – Don Fedyk

- **802.1AS** – Geoffrey Garner
  - **P802.1ASdm** – Geoffrey Garner
  - **P802.1ASdn** – Rodney Cummings
  - **P802.1ASdr** – Silvana Rodrigues
  - **P802.1ASds** – Silvana Rodrigues
- **P802.1CQ** – Roger Marks
- **P802.1CS** – Norman Finn
  - **P802.1CS/Cor1** – Norman Finn
- **P802.1DC** – Norman Finn
- **P802.1DF** – Tongtong Wang
- **P802.1DG** – Max Turner
- **P802.1DP / SAE AS6675** – Abdul Jabbar
- **IEC/IEEE 60802** – Jordon Woods

Voting Membership

- Voting membership in 802.1 is a privilege that holds a responsibility to review drafts and vote on WG ballots (including ePolls)

- You must actively request to become a voting member and take on this responsibility
  - Email WG Chair and Recording Secretary

- Ongoing retention of 802.1 voting rights is predicated on active participation
  - Attendance and Working Group ballots (including ePolls)

Responding to WG ballots

- To retain your voting membership, you must return 2 out of the last 3 WG letter ballot series (WG ballots + ePolls).

- When you return your vote on a TG/WG ballot;
  - Do use the correct email list (STDS-802-1-ballot@listserv.ieee.org) and subject line, as specified in the email instructions (viewable on the main 802.1 Email archive).
    - If you do not, the automatic tools will not count your vote.
  - Do not simply "Reply" to the ballot announcement.

- When you lose your voting membership this way, you lose <u>all</u> your qualifying attendance credit.
  - If you want to become a voting member again, you have to notify the WG Chair and Recording Secretary that you wish to become a voting member again.

The following are 802.1 voting members (77):

Akizuki, Katsuyuki
Alexandris, Konstantinos
Arunarthi, Venkat
Assmann, Ralf
Bao, Huajie
Belliardi, Rudy
Blendin, Jeremias
Boiger, Christian
Bottorff, Paul
Canchi, Radhakrishna
Chen, Feng
Choudhury, Abhijit
Congdon, Paul
Cummings, Rodney
Dorr, Josef
Elbakoury, Hesham
Engelmann, Anna
Enzinger, Thomas
Farkas, Janos

Fedyk, Donald
Finn, Norman
Garner, Geoffrey
Gopal, Amrit
Gunther, Craig
Gutierrez, Marina
Haddock, Stephen
Hantel, Mark
Holness, Marc
Hopf, Daniel
Huh, Woojung
Itaya, Satoko
Ito, Yoshihiro
Karl, Michael
Kehrer, Stephan
Kiessling, Marcel
Lai, Gavin
Li, Yizhou
Lopes, Joao
Lv, Lily

Mangin, Christophe
Mansfield, Scott
Mater, Olaf
McCall, David
McMillan, Larry
Mittelberger, Martin
Nakano, Hiroki
Nomura, Takumi
Pannell, Donald R
Parsons, Glenn
Proell, Dieter
Randall, Karen
Riegel, Maximilian
Rodrigues, Silvana
Rouyer, Jessy
Sato, Atsushi
Schewe, Frank
Seaman, Michael
Seewald, Maik
Sivakolundu, Ramesh

Specht, Johannes
Stanica, Marius
Steindl, Guenter
Stamenic, Nemanja
Traore, Karim
Turner, Max
Varga, Balazs
Venkatesan, Ganesh
Wang, Tongtong
Weber, Karl
Wessels, Leon
Winkel, Ludwig
Woods, Jordon
Yamaura, Takahiro
Zeier, Uwe
Zein, Nader
Zhao, William
Zinner, Helge

The following <u>became</u> voting members this week:

Alexandris, Konstantinos
Li, Yizhou
Mittelberger, Martin
Nomura, Takumi

The following could <u>become</u> voting members if they email me and the Recording Secretary indicating their intention to do so and if they attend this session:

Ananda, Narasimha

Bierschenk, Jens

Coelho, Rodrigo

Gelish, Joseph

Gravel, Mark

Han, Ruibo

Jenkins, Michael

Klamser, Oliver

Meisinger, Andreas

Wang, Jing

The following will <u>lose</u> voting member status for lack of qualifying attendance, unless they attend this session:

Zeier, Uwe
Zhao, William
Zinner, Helge

The following could <u>lose</u> their voting membership at the end of this plenary session through lack of qualifying WG letter ballot voting :

Gopal, Amrit
Zeier, Uwe
Zhao, William
Zinner, Helge

802.11 Reciprocal credit

- 802.1 voting members may receive credit for attending any of 802.11
- 802.1 voting members who are also 802.11 voting members may get a popup in IMAT each time they register attendance to ask which working group they are accumulating credit for this plenary.

- 802.1 attendance credit will not be granted for a voting member who attended only 802.11 meetings.

May 2023 interim

- ABB hosting information
- Registration fee
  - Estimated to be 650 EUR early bird rate
  - Registration expected to open Mar 16, 2023
- In-Person with provisions to support mixed mode
  - Radisson Blu Royal Hotel, Helsinki, Finland
- Date
  - May 15-19, 2023

September 2023 interim

- General Electric (GE) offer to host ([proposal](#))
- Registration fee
  - Estimated to be 250 USD
- In-Person with provisions to support mixed mode
  - GE Research center, Albany, NY, USA
- Date
  - Sep 11-15, 2023

Interim sessions

- May 15-19, 2023
    - Helsinki, Finland hosted by ABB (with provisions to support mixed mode)
- September 11-15, 2023
    - Offer from GE in Niskayuna, NY, USA as in-person session with provisions to support mixed mode
- January 2024
    - Tentative offer by NEC Labs Europe Gmbh to host in Heidelberg, Germany. Details are currently being investigated and will be provided, once available
- May 2024
    - Possible option to co-locate with the 802 wireless group is currently being discussed
        - Date: May 12-17, 2024
        - Location: Warsaw, Poland
- September 2024
    - Possible option to co-locate with the 802 wireless group is currently being discussed
        - Date: September 8-13, 2024
        - Waikoloa, HI, USA
    - Discussions with IEEE 802.3 to co-locate are being done, but no information available, yet

Plenary sessions

- March 12-17, 2023 – Atlanta, GA, USA
  - Hilton Atlanta
- July 9-14, 2023 – Berlin, Germany
  - Estrel Berlin
- November 12-17, 2023 – Honolulu, HI, USA
  - Hawaiian Village
- March 10-15, 2024 – Denver, CO, USA
  - Hyatt Regency Denver at Colorado Convention Center
- July 14-19, 2024 – Montreal, QC, Canada
  - Sheraton Le Centre Montreal
- November 10-15, 2024 – Vancouver, BC, Canada
  - Hyatt Regency
- March 9-14, 2025 – Atlanta, GA, USA
  - Hilton Atlanta

Straw poll

1. Would you like to come back to this venue?

- Yes – 26 No - 21   Did not respond - 19

2. Did you go to the social?

- Yes – 32 No - 20 Did not respond - 15

3. Did you like the social?

- Yes – 33 No - 0 Did not respond - 34

Sanity check – current workload

Project	Short Title	Last Motion	Current Stage	Draft #	Next action	PAR ends
802.1Qcj	Auto Attach to PBB	SA Ballot	SA Ballot	D2.0	SA Ballot	Dec '23
802.1CQ	Multicast and Local Address Protocol	PAR extension	TG Ballot	D0.8	TG Ballot	Dec '24
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	SA Ballot	SA Ballot	D2.0	SA Ballot	Dec '23
802.1Qcz	Congestion Isolation	RevCom conditional	SA Ballot	D2.5	RevCom	Dec '24
60802 (DA)	TSN Profile for Industrial Automation	PAR extension & modify	WG Ballot	D2.0	WG Ballot	Dec '25
802.1DC	QOS provision by network systems	WG Ballot	WG Ballot	D2.0	WG Ballot	Dec '24
802.1Qdd	Resource Allocation Protocol	PAR extension	TG Ballot	D0.6	TG Ballot	Dec '25
802.1DF	TSN Profile for Service Provider Networks	TG ballot	TG ballot	D0.1	TG ballot	Dec '23
802.1DG	TSN Profile for Automotive Networks	TG Ballot	TG Ballot	D1.4	TG ballot	Dec '23
802.1Qdj	TSN Configuration Enhancements	WG Ballot	WG Ballot	D1.0	WG Ballot	Dec '23
802.1AEdk	MAC Privacy protection	SA Ballot	SA Ballot	D2.2	RevCom	Dec '23
802f	EtherType YANG	SA Ballot conditional	SA Ballot	D2.0	SA Ballot	Dec '23
802.1ASdm	Hot standby	WG Ballot	WG Ballot	D1.0	NesCom	Dec '24
802.1Q-REV	Bridges and Bridged Networks	RevCom	Approved - Sept 21	D1.2	Published - Dec 22	Dec '24
802.1ASdn	Time Synch YANG	WG Ballot	WG Ballot	D1.0	WG Ballot	Dec '24
802.1DP	TSN Profile for Aerospace	TG Ballot	Editor's draft	D0.0	Editor's draft	Dec '24
802.1Qdq	Tspec	TG Ballot	PAR approved	D0.1	TG Ballot	Dec '25
802.1ASdr	Inclusive Language	WG Ballot	WG Ballot	D1.1	SA Ballot	Dec '25
802.1ASds	half-duplex support	TG Ballot	PAR approved		Editor's draft	Dec '26
802.1Qdt	PFC MACsec	TG Ballot	TG Ballot	D0.2	NesCom	Dec '26
802.1DU	Cut-through forwarding	PAR Development	PAR Development		NesCom	
802.1Qdv	Cyclic Queueing and Forwarding	Nescom	PAR approved		Editor's draft	Dec '26
802-rev	O&A	WG Ballot	WG Ballot	D1.0	WG Ballot	Dec '26
802.1Qdw	Source Flow Control	Nescom	PAR approved		Editor's draft	Dec '26
802.1CS/cor1	LRP corrigendum	WG Ballot	PAR approved	D1.1	NesCom	Dec '26
802.1Qdx	YANG for CBS	PAR Development	PAR Development		NesCom	

802.1 plenary meeting schedule

ET Start	ET End	Monday Mar 13		Tuesday Mar 14		Wednesday Mar 15			Thursday Mar 16		Friday Mar 17	PT Start	CET Start	JST start
08:00	08:30	TSN		Maintenance		TSN	P802-REVc		TSN P802.1DP	Nendica	TSN	05:00	13:00	21:00
08:30	09:00											05:30	13:30	21:30
09:00	09:30								TSN			06:00	14:00	22:00
09:30	10:00											06:30	14:30	22:30
10:00	10:30											07:00	15:00	23:00
10:30	11:00	Opening Plenary		TSN P802.1DG		TSN		Security	TSN	TSN 60802	TSN 60802	07:30	15:30	23:30
11:00	11:30											08:00	16:00	00:00
11:30	12:00											08:30	16:30	00:30
12:00	12:30											09:00	17:00	01:00
12:30	13:00											09:30	17:30	01:30
13:00	13:30											10:00	18:00	02:00
13:30	14:00	TSN	Security	TSN		TSN	YANGsters	Security	Closing Plenary		TSN 60802	10:30	18:30	02:30
14:00	14:30											11:00	19:00	03:00
14:30	15:00											11:30	19:30	03:30
15:00	15:30											12:00	20:00	04:00
15:30	16:00											12:30	20:30	04:30
16:00	16:30	TSN	Security	YANGsters		TSN	TSN 60802	Security	Closing Plenary		TSN 60802	13:00	21:00	05:00
16:30	17:00											13:30	21:30	05:30
17:00	17:30											14:00	22:00	06:00
17:30	18:00											14:30	22:30	06:30
18:00	18:30											15:00	23:00	07:00
18:30	19:00			802.1/802.15 Joint		Social Event						15:30	23:30	07:30
19:00	19:30											16:00	00:00	08:00
19:30	20:00	IEEE SA Open		Nendica								16:30	00:30	08:30
20:00	20:30											17:00	01:00	09:00
20:30	21:00											17:30	01:30	09:30
21:00	21:30											18:00	02:00	10:00

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802.1 Leadership meetings

- Every Thursday – 11:00 ET
  - Since February 2020 to discuss management of work and plan future sessions
- Additional leadership – Mar 14th 12:30
  - Prepare PAR responses, EC consent agenda for Mar 17th EC meeting
- Editors' meetings
  - 11:00 ET - Thursday after each session (Mar 23rd)
  - Sharing of best practices by editors

Subgroup agendas

- Maintenance TG
  - Including P802REVc
- Security TG
- TSN TG
- Nendica – Network Enhancements for the Next Decade Industry Connections Activity
- YANGsters

Maintenance Meetings Summary

- Three maintenance TG meeting during the session:
  - Mar 13 (meeting + ad-hoc), Mar 14
  - https://www.ieee802.org/1/files/public/docs2023/maint-congdon-hy-0323-1-v02.pdf
- Comments on 802 PARs under consideration
  - https://www.ieee802.org/1/files/public/docs2023/admin-draft-PAR-CSD-comments-802-15-0323-v02.pdf
- P802.1CS-2020/Cor1 and P802-REVc comment resolution (P802.1ASdr postponed)
  - https://www.ieee802.org/1/files/private/cs-2020-cor-1-drafts/d1/802-1CS-2020-Cor1-d1-1-dis.pdf
  - https://www.ieee802.org/1/files/private/802-REVc-drafts/d1/802-REVc-d1-0-comments-03.xlsx
- Liaisons – 2 outgoing responses
  - https://www.ieee802.org/1/files/public/docs2023/liaison-IETF-RFC7024bis-0323.pdf
  - https://www.ieee802.org/1/files/public/docs2023/liaison-response-itu-t-sg15-OTNT-SWP-0323.pdf
- Two new revision PARs
  - https://www.ieee802.org/1/files/public/docs2023/q-rev-draft-PAR-0323-v01.pdf
  - https://www.ieee802.org/1/files/public/docs2023/as2020-rev-PAR-0323-v02.pdf

Maintenance Next Steps

- Conference call planning starting in April for Tuesday mornings 11 AM ET:
  - P802.1ASdr comment resolution
  - P802-REVc comment resolution
  - Unaddressed agenda items from this meeting
- P802-REVc comment resolution coordination during simultaneous 802.1, 802.3 and 802.11 May Interims
- Additional conference calls as needed to address new and existing maintenance requests

Report – Security March

1. **P802.1Qdt PFC Enhancments**
   - Draft development
   - ➢ Discussion at this meeting focused on round trip measurement protocol, timing points

2. **Pre-Shared Key (PSK) distribution for 802.1X MKA/MACsec**
   - Possible activity, possibly encompassing QKD (Quantum Key Distribution)
     - ➢ Brief discussion, no presentations this meeting

3. **802.1AR Signature Suites for 6802/Industrial Networks**
   - ➢ Anticipating work following up on Baltimore discussion, brief discussion, no formal action at this meeting

5. **Future meetings/teleconferences**
   - ➢ Plan for electronic meeting late April, date/time tbd
   - ➢ Will meet during the May interim

IEEE 802.1 TSN TG Summary
IEEE 802 Plenary, March 13-17, 2023

ET Start	ET End	Monday Mar 13	Tuesday Mar 14	Wednesday Mar 15	Thursday Mar 16		Friday Mar 17	PT Start	CET Start	JST Start
8:00	8:30	TSN P802.1Qdj, P802.1ASdm	Maintenance TG	TSN PARs, P802f	TSN - P802.1DP/AS6675		TSN P802.1Qdj, P802.1ASdm	5:00	13:00	21:00
8:30	9:00							5:30	13:30	21:30
9:00	9:30				TSN P802.1Qcw			6:00	14:00	22:00
9:30	10:00							6:30	14:30	22:30
10:00	10:30							7:00	15:00	23:00
10:30	11:00	Opening plenary	TSN - P802.1DG Announce msg,, SDV, new draft	TSN PARs, outgoing liaisons	TSN P802.1Qdq, P802Qdw, P802f, P802.1DC	TSN - IEC/IEEE 60802 Security	TSN - IEC/IEEE 60802 CNC-CUC interactions	7:30	15:30	23:30
11:00	11:30							8:00	16:00	0:00
11:30	12:00							8:30	16:30	0:30
12:00	12:30							9:00	17:00	1:00
12:30	13:00							9:30	17:30	1:30
13:00	13:30							10:00	18:00	2:00
13:30	14:00	TSN liaisons, motions, P802.1Qdd, P802.1Qdj	TSN P802.1ASdm	TSN P802.1ASds, P802.1Qcz, P802.1DC	Closing plenary		TSN - IEC/IEEE 60802 Contributions	10:30	18:30	2:30
14:00	14:30							11:00	19:00	3:00
14:30	15:00							11:30	19:30	3:30
15:00	15:30							12:00	20:00	4:00
15:30	16:00							12:30	20:30	4:30
16:00	16:30	TSN P802.1ASdm	TSN P802DC, P802f	TSN - IEC/IEEE 60802 Time sync	Closing plenary		TSN - IEC/IEEE 60802 Congtributions	13:00	21:00	5:00
16:30	17:00							13:30	21:30	5:30
17:00	17:30							14:00	22:00	6:00
17:30	18:00							14:30	22:30	6:30

- Details are available at: https://1.ieee802.org/2023-03-plenary-tsn-agenda/

Nendica Meetings since Nov. Plenary

- Meeting most Thursdays (09:00-11:00 ET)
- Authorized to add ad hocs if necessary
- 10 meetings since November 802 Plenary

Date	Attendance
2022-12-01	9
2022-12-08	12
2022-12-15	12
2023-01-12	11
2023-01-17 (Interim)	24
2023-01-19 (Interim)	14

Date	Attendance
2023-02-02	9
2023-02-16	11
2023-03-02	9
2023-03-09	11

Nendica Activity since November Plenary

- Study Item: "Cut-Through Forwarding in Bridges and Bridged Networks [CTF]"
  - https://1.ieee802.org/nendica-ctf/
  - Supported drafting of P802.1DU PAR/CSD
  - Supported resolution of comments on P802.1DU PAR/CSD
- Study Item: "Forwarding of Fieldbus CPF 12 on 802.1 Bridges [CPF12]"
  - https://1.ieee802.org/nendica-cpf12/
  - Initiated June 2022
  - have been drafting an informal report
  - proponents have indicated an interest in terminating the Study Item
- Study Item: "Evolved Link Layer Architecture [ELLA]"
  - https://1.ieee802.org/nendica-ella/
  - No contributions
- Vetting topic: *Extensions on the TSN UNI traffic specification*
  - Presentation and discussion of 4 revisions, Feb-Mar 2023

Nendica Session Review, Mar 2023

- Agenda
  - https://1.ieee802.org/802-nendica-session-2022-03/
  - Tuesday 19:30-21:30 ET
  - Cut-Through Forwarding Study Item
    - P802.1DU PAR/CSD comment resolution drafting
- Thursday 08:00-10:00 ET
  - Vetting topic: *Extensions on the TSN UNI traffic specification*
  - Prepared motion toward renewal of Nendica ICAID beyond Sep 2023
    - *802.1 authorizes Nendica to prepare, during its scheduled meetings, a draft ICAID renewal for presubmission to the July IEEE 802 Plenary*
  - Agreed on requests for future meetings
  - Prepared Nendica Status Report

YANGsters Agendas (March 2023 Plenary)

YANGsters Session 1 Agenda

- Introduction to YANGsters
  - https://1.ieee802.org/yangsters/
  - https://1.ieee802.org/yangsters/yangsters-guidelines/yangsters-faq/
- Status
  - Qcw, Qcj, Qdj, AEdk update
  - Review yang status spreadsheet
- 60802 Question related to port specific features supported by a server (Martin)
  - Looking for guidance on use of YANG feature, presence container, and/or mandatory statements.
- Information on the git lifecycle
- Information on YANG revision importing
  - Status of IETF work on revision handling
  - Review of suggest YANG packages for IEEE 802.1 and IEEE 1588
- Request for Next Calls
  - Discuss Doodle Poll Results and settle on eMeeting day and time
  - Continue with calls every two weeks (Motion)Any Other Business
- Session 2 - 802.1/802.3 YANGsters Session

YANGsters Session 2 Agenda

- Introduction to YANGsters (Scott Mansfield)
  - Overview of YANGsters
  - Review of YANGsters Guidelines and FAQ
  - Introduction to YANG development and testing tools used
- Introduction and discussion of the YANG related 802.3 PARs (David Law)
  - IEEE 802.3 Clause 30 management, MIB, definitions for Ethernet, registers and function
- IEEE 60802 priority list related to missing 802.3 YANG (Ludwig Winkel)
  - This item is related to YANG modules for IEEE 802.3 functionality, that have been identified by the IEC/IEEE 60802 joint project to be important to the industrial profile but are currently not available.
  - IEEE 60802 asked about the best way forward to make YANG modules for the identified functionality available and would like guidance from IEEE 802.3
- MAC Address maintenance items in IEEE 802.1 and IEEE 802.3 (Stephan Kehrer)
  - Review maintenance items related to the representation of MAC addresses in YANG modules
  - Seek guidance from 802.1 and 802.3 participants
- Session 1 - YANGsters

YANGsters Status

- YANGsters site
  - https://1.ieee802.org/yangsters/
- YANGsters agendas
  - https://1.ieee802.org/category/yangsters-agenda/
- Activities
  - Held 6 regular YANGsters calls since end of November 2022 and
  - One hour and half session during the 802.1 interim in January 2022
- Key Achievements Include
  - Support of several YANG comment resolution issues
- Plans
  - YANG lifecycle, YANG packages, YANG guidelines development
  - Motion for bi-weekly meetings (every two weeks) to begin 11 April 2023

IEEE Awards

Nominate a colleague!

- Emerging Technology Award - for the initiation, advancement or progression of a new technology through the IEEE SA open consensus process

- International Award - for extraordinary contribution to establishing the IEEE SA as a world-class leader in standardization

- Lifetime Achievement Award - for significant technical contributions to a standards committee for their IEEE field of interest

- Standards Committee Award - for outstanding contributions to Corporate Standards Development

- Standards Medallion - for major contribution to the development of standards

- Corporate Award - for the provision of outstanding leadership and contribution to the IEEE SA.
  - IEEE SA nomination deadline 31 July

- Computer Society Hans Karlsson Standards Award - In recognition of outstanding skills and dedication to diplomacy, team facilitation and joint achievement, in the development or promotion of standards in the computer industry
  - Nomination deadline 1 October

- IEEE Charles Proteus Steinmetz award - For exceptional contributions to the development and/or advancement of standards
  - Nomination deadline 15 January

- IEEE Alexander Graham Bell Award - For exceptional contributions to communications and network sciences and engineering.
  - Nomination deadline 15 January

Promotion

- IEEE SA marketing collateral
  - TSN automotive, TSN industrial
  - TSN logo
- Press releases, blog posts, articles
  - TSN feature topic – IEEE Communications Standards Magazine – Dec 2022
- Tutorial
  - TSN tutorial proposed for development
  - TSN webinars
    - 802.1 – Sept 16 , TSN toolset – Dec 2, 802.1AS – Feb 24, AVB – Jun 9, Fronthaul - Sept 8, 60802 – Apr 6, 2023
    - Next: Automotive, Aerospace
  - Computer Society webinars
    - Data Center – August 2023
- Industry Events
  - TSN/A – Sept 27-28, 2023 – Ludwigsburg / Stuttgart
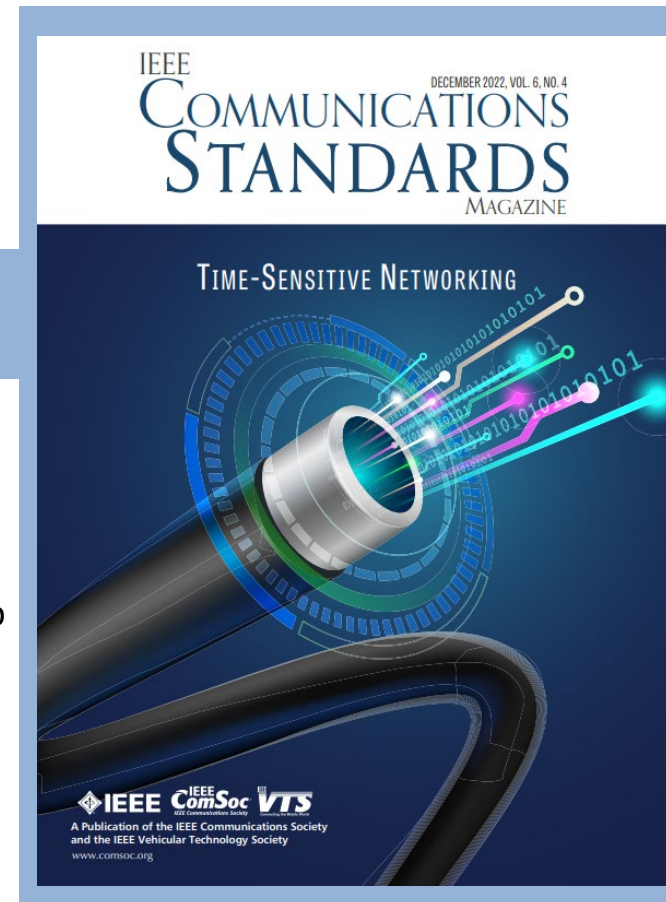
Liaison Resources

- IEEE 802.1 Liaison Page
  - https://1.ieee802.org/liaisons/
  - Liaison Table (https://1.ieee802.org/liaisons/liaisontable/)
- IEEE 802 SA Liaison List for IEEE 802.1
  - https://ieee-sa.imeetcentral.com/802liaisondb/FrontPage
- IEEE Draft Sharing page is maintained by IEEE SA
  - Must confirm organizations outside IEEE SA are on the list before sharing any draft standard.

Incoming Liaisons

- Liaison from **ITU-T JCA**: LS on Invitation to update the information in the IMT2020 roadmap (January 2023) [Maintenance]

- Liaison from **IEEE 802.11**: Liaison communication to the IEEE 802.1 Working Group (re: enabling TSN features in 802.11 systems) [TSN]

- Liaison from **ITU-T SG13**: LS on ongoing work items related to deterministic communication svcs & networking in SG13 [TSN, 60802]

- Liaison from **LNI 4.0**: LS re: new whitepaper and request to include IEEE SA logo in doc [TSN, 60802]

- Liaison from November 2022

  - Liaison from **SG15**: LS15 - response on LS on OTNT Stdzn Work Plan Issue 30 & Issue 31 OTNT SWP; Issue 31 input due April 2023 [Maintenance]

- Liaison from May 2022

  - Liaison from **BBF**: LS use of the IEEE 802.1X YANG model in BBF-specified Access Nodes [Security with YANGsters input]

Outgoing Liaisons

- Liaison motions from TSN:
  - Approve sending liaison response to IEEE 802.11 re: enabling TSN features in 802.11 systems: https://www.ieee802.org/1/files/public/docs2023/liaison-response-80211-TSNsupport-0323.pdf
  - Approve sending liaison response to ITU-T SG13 on work items related to deterministic communication services & networking: https://www.ieee802.org/1/files/public/docs2023/liaison-response-itu-t-SG13-DeterminCommunicSvcsandNetworking-0323.pdf
  - Approve sending liaison response to LNI 4.0: https://www.ieee802.org/1/files/public/docs2023/liaison-response-LNI40-WhitepaperandIEEESAlogorequest-0323.pdf
- Liaison Motions from Maintenance:
  - Approve sending liaison to IETF on IANA considerations (re: rfc7042bis-09): https://www.ieee802.org/1/files/public/docs2023/liaison-IETF-RFC7042bis-0323.pdf
  - Approve liaison response to ITU-T SG15 on OTNT Standardization Work Plan Issue 31: https://www.ieee802.org/1/files/public/docs2023/liaison-response-itu-t-sg15-otnt-swp-0323.pdf
  - Approve liaison sending drafts to SC6 for information, after the SA ballot starts: IEEE P802.1CS-2020/Cor1
  - Approve liaison sending drafts to SC6 for adoption, when published: IEEE Std 802.1AEdk
- Liaison Motion from Security
  - Approve sending response to BBF on use of the IEEE 802.1X YANG model in BBF-specified Access Nodes: https://www.ieee802.org/1/files/public/docs2023/liaison-response-BBF-1XandYANG-0323.pdf

802.1 PARs this session

- 802.1ASdm – Standard for Local and Metropolitan Area Networks - Timing and Synchronization for Time-Sensitive Applications Amendment: Hot Standby and Clock Drift Error Reduction, PAR and CSD modifications
  - Comments and responses: https://www.ieee802.org/1/files/public/docs2023/dm-PAR-CSD-comments-responses-0323-v01.pdf
  - PAR modification: https://www.ieee802.org/1/files/public/docs2023/dm-PAR-modification-0323-v01.pdf
  - CSD modification: https://www.ieee802.org/1/files/public/docs2023/dm-CSD-modification-0323-v01.pdf
  - Approved CSD: https://mentor.ieee.org/802-ec/dcn/20/ec-20-0093-00-ACSD-p802-1asdm.pdf
- P802.1Qdt – Standard for Local and Metropolitan Area Networks--Bridges and Bridged Networks Amendment: Priority-based Flow Control Enhancements, PAR and CSD modifications
  - PAR modification: https://www.ieee802.org/1/files/public/docs2023/dt-PAR-modification-0323-v01.pdf
  - CSD modification: https://www.ieee802.org/1/files/public/docs2023/dt-CSD-modification-0323-v01.pdf
  - Approved CSD: https://mentor.ieee.org/802-ec/dcn/22/ec-22-0083-00-ACSD-p802-1qdt.pdf
- P802.1Qdx – IEEE Standard for Local and Metropolitan Area Networks--Bridges and Bridged Networks Amendment: YANG Data Models for the Credit-Based Shaper, PAR and CSD
  - Comments and responses: https://www.ieee802.org/1/files/public/docs2023/dx-PAR-CSD-comments-response-0323-v01.pdf
  - PAR: https://www.ieee802.org/1/files/public/docs2023/dx-PAR-0323-v01.pdf
  - CSD: https://www.ieee802.org/1/files/public/docs2023/dx-CSD-0323-v01.pdf
  - Rebuttal: https://mentor.ieee.org/802.11/dcn/23/11-23-0485-00-00bf-ieee-802-11bf-march-2023-plenary-meeting-minutes.docx (slide 32)
- P802.1DU – Standard for Local and Metropolitan Area Networks – Cut-Through Forwarding Bridges and Bridged Networks, PAR and CSD
  - Comments and responses: https://www.ieee802.org/1/files/public/docs2023/du-PAR-CSD-comments-responses-0323-v01.pdf
  - PAR: https://www.ieee802.org/1/files/public/docs2023/du-PAR-0323-v01.pdf
  - CSD: https://www.ieee802.org/1/files/public/docs2023/du-CSD-0323-v01.pdf
  - Rebuttal: https://mentor.ieee.org/802.11/dcn/23/11-23-0485-00-00bf-ieee-802-11bf-march-2023-plenary-meeting-minutes.docx (slide 34):
- P802.1CS-2020/Cor1 – Standard for Local and Metropolitan Area Networks--Link-local Registration Protocol - Corrigendum 1 Corrections to Management Modules and Protocol Encoding, PAR modification
  - Comments and responses: https://www.ieee802.org/1/files/public/docs2023/cs-2020-cor1-response-802-11-PAR-Review-0323-v01.pdf
  - PAR modification: https://www.ieee802.org/1/files/public/docs2023/cs-2020-cor1-PAR-modification-0323-v01.pdf

Other 802 PARs this session

- 802.15.4 - Amendment: Privacy Enhancements, PAR and CSD
  - 802.1 comments

WG Member Voting   SBS DirectVoteLive™

- Access the web voting tool via the "Voting Member – <u>Cast your vote</u>" link on the 802.1 <u>March 2023 plenary session</u> page

- When asked to sign in, use your IEEE Account user name and password

- Click the [Enter Meeting] for IEEE 802.1 Closing Plenary – March 2023

- Motions will be opened, and visible under the "Open" tab after being announced.

- Click on [Vote] for motions currently requiring your vote

- Make your vote selection and click [Submit] to record your vote

- Keep the "*DirectVoteLive*" browser open during the meeting

802.1 consent agenda items for LMSC Closing Plenary

March 2023

(V2 – 802.1 version #)

EEE 802

Agenda

- **PARs to NesCom**
  - 5.05? – P802.1ASdm
  - 5.05? – P802.1Qdt
  - 5.05? – P802.1Qdx
  - 5.05? – P802.1DU
  - 5.05? – P802.1CS/cor1
  - 5.05? – P802.1Q-REV   *(48 hour)*
  - 5.05? – P802.1AS-REV   *(48 hour)*
- **Drafts to SA Ballot**
  - 5.05? – P802.1CS/cor1 conditional
- **Drafts to RevCom**
  - 5.05? – P802.1Qcz
  - 5.05? – P802.1AEdk

EEE 802

Agenda

- **Liaisons and external communications (ME)**
  - 7.07? – Approve liaison of drafts for information to ISO/IEC JTC1/SC6 under the PSDO agreement
  - 7.07? – Approve liaison of drafts for adoption to ISO/IEC JTC1/SC6 under the PSDO agreement

- **Liaisons and external communications (II)**
  - 7.07? – Approve 802.1 communication to ITU-T SG13
  - 7.07? – Approve 802.1 communication to ITU-T SG15
  - 7.07? – Approve 802.1 communication with IETF
  - 7.07? – Approve 802.1 communication with LNI 4.0
  - 7.07? – Approve 802.1 communication with 802.11
  - 7.07? – Approve 802.1 communication with BBF

EEE 802

802.1 Motions
2023-03

Consent Agenda

PARs to NesCom

EEE
802

Motion

- Approve forwarding P802.1ASdm PAR modification documentation in https://www.ieee802.org/1/files/public/docs2023/dm-PAR-modification-0323-v01.pdf to NesCom

- Approve CSD modification documentation in https://www.ieee802.org/1/files/public/docs2023/dm-CSD-modification-0323-v01.pdf

- In the WG, Proposed: David McCall, Second: Ludwig Winkel
  - PAR (y/n/a): 44, 0, 2
  - CSD (y/n/a): 42, 0 , 3

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

EEE
802

Motion

- Approve forwarding P802.1Qdt PAR modification documentation in https://www.ieee802.org/1/files/public/docs2023/dt-PAR-modification-0323-v01.pdf to NesCom

- Approve CSD modification documentation in https://www.ieee802.org/1/files/public/docs2023/dt-CSD-modification-0323-v01.pdf

- In the WG, Proposed: Paul Congdon, Second: János Farkas
  - PAR (y/n/a): 40, 2, 7
  - CSD (y/n/a): 40, 2, 7

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

Motion

- Approve forwarding P802.1Qdx PAR documentation in https://www.ieee802.org/1/files/public/docs2023/dx-PAR-0323-v01.pdf to NesCom

- Approve CSD documentation in https://www.ieee802.org/1/files/public/docs2023/dx-CSD-0323-v01.pdf

- In the WG, Proposed: Jordon Woods, Second: János Farkas
  - PAR (y/n/a): 42, 1, 7
  - CSD (y/n/a): 41, 1, 7

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

EEE 802

Motion

- Approve forwarding P802.1DU PAR documentation in https://www.ieee802.org/1/files/public/docs2023/du-PAR-0323-v01.pdf to NesCom

- Approve CSD documentation in https://www.ieee802.org/1/files/public/docs2023/du-CSD-0323-v01.pdf

- In the WG, Proposed: Johannes Specht, Second: Paul Congdon
  - PAR (y/n/a): 38, 6, 6
  - CSD (y/n/a): 37, 4, 8

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

Motion

- Approve forwarding P802.1CS-2020/Cor1 PAR modification documentation in https://www.ieee802.org/1/files/public/docs2023/cs-2020-cor1-PAR-modification-0323-v01.pdf to NesCom

  Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality

- In the WG, Proposed: Paul Congdon,
  Second: Stephan Kehrer
    - PAR (y/n/a): 42, 0, 7

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

EEE
802

Motion

- Approve forwarding P802.1Q-2022-Rev PAR documentation in https://www.ieee802.org/1/files/public/docs2023/q-rev-draft-PAR-0323-v01.pdf to NesCom

  Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality

- In the WG, Proposed: Mick Seaman   Second: Paul Congdon
  - Sending draft (y/n/a):   45 , 0 , 4

- In the EC, mover: Glenn Parsons   Second: Roger Marks
  - (y/n/a): <y> , <n> , <a>

EEE
802

Motion

- Approve forwarding P802.1AS-2020-Rev PAR documentation in https://www.ieee802.org/1/files/public/docs2023/as2020-rev-PAR-0323-v02.pdf to NesCom

  Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality

- In the WG, Proposed: Geoff Garner   Second: Paul Congdon
  - Sending draft (y/n/a):   48 , 0 ,   1

- In the EC, mover: Glenn Parsons   Second: Roger Marks
  - (y/n/a): <y> , <n> , <a>

EEE 802

802.1 Motions
2023-03

Consent Agenda

Drafts to SA Ballot

EEE
802

Motion

- Conditionally approve sending P802.1CS-2020/Cor1 D2.0 to Standards Association ballot

  - Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality
  - P802.1CS-2020/Cor1 had 97% approval at the end of the last Working Group Recirculation ballot

- In the WG, Proposed: Paul Congdon Second: János Farkas

    (y/n/a):   44, 0 , 5

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

Supporting information P802.1CS-2020/Cor1

- WG ballot closed: 27 February 2023

- All WG ballot requirements are met

- The ballot resulted in

  - 0 outstanding Disapprove vote

  - 0 outstanding Must Be satisfied comments

- Comment resolution available here:
  https://www.ieee802.org/1/files/private/cs-2020-cor-1-drafts/d1/802-1CS-2020-Cor1-d1-1-dis.pdf

- Recirculation ballot will be conducted during April with comment resolution on Maintenance TG calls and during the May 802.1 interim if required. A possible final recirculation in May/June if required with comment resolution in Maintenance TG meetings.

CATEGORY	All Respondents	
	TOTAL	%
Yes	32	100%
No	0	0%
Voting Yes or No	32	64%
Abs. Time	0	0%
Abs. Expertise	18	36%
Abs. Other	0	0%
Respondents	50	68%
Voting members	73	
Non-voting	0	
No. of commenters	4	8%
No. of comments	13	

EEE 802

802.1 Motions
2023-03

Consent Agenda

Drafts to RevCom

EEE
802

Motion

- Approve sending P802.1Qcz to RevCom
- Approve CSD documentation in https://mentor.ieee.org/802-ec/dcn/18/ec-18-0160-00-ACSD-802-1qcz.pdf
- P802.1Qcz D2.7 had 100% approval at the end of the last SA ballot
- In the WG, Proposed: Paul Congdon   Second: János Farkas
  - Sending draft (y/n/a):   40, 1, 7
  - CSD (y/n/a):   38, 0 , 9
- In EC, mover: Glenn Parsons,   Second: Roger Marks
  - (y/n/a): <y>,<n>,<a>

EEE
802

Supporting information P802.1Qcz

Sponsor ballot closed:
13 March 2023
- All SA ballot requirements met
Ballot result after comment resolution:
- 0 outstanding Disapprove votes
- 0 outstanding Must Be Satisfied (MBS) comments
- Disposition is available here: https://www.ieee802.org/1/files/private/cz-drafts/d2/802-1Qcz-d2-7-dis-v01.pdf

Ballot Summary

Open Date: 03 Mar 2023   Close Date: 13 Mar 2023   Status: Closed
Draft Number: 2.7   Meets Editorial Requirements: Yes

Ballot Group Members: 70   Ballot Stage: Recirculation 5
Minimum should be 10

Return Ballots: (62) 88%
Minimum return rate is 75%

Abstentions: (3) 4%
Abstention must be below 30%

Approval Rate: 100%
Approval rate must be at least 75%

Votes counted in approval rate		Votes not counted in approval rate	
Approve	59	Disapprove Without MBS Comment(s)	0
Disapprove With MBS Comment(s)	0	Abstentions	3
Total	59	Total	3
Total Votes	62	Total Comments	0

The vote tally for "Disapprove With MBS Comment(s)" = current Disapprove votes for which an MBS (Must Be Satisfied) comment existed in any round of balloting.

IEEE 802

Motion

- Approve sending P802.1AEdk to RevCom
- Approve CSD documentation in https://mentor.ieee.org/802-ec/dcn/19/ec-19-0218-00-ACSD-p802-1aedk.pdf

- P802.1AEdk/D2.2 had 97% approval at the end of the last Standards Association recirculation ballot

- In the WG, Proposed: Mick Seaman, Second: Don Fedyk
  – Sending draft (y/n/a): 42, 0, 8
  – CSD (y/n/a): 42, 0, 8

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

EEE 802

Supporting information P802.1AEdk

SA ballot closed:
13 November 2022

- All SA ballot requirements met
Ballot result after comment resolution:

- 1 outstanding Disapprove votes

- 0 outstanding Must Be Satisfied (MBS) comments
All comments accompanying the Disapprove vote were WITHDRAWN by commenter

- Disposition is available here: https://www.ieee802.org/1/files/private/dk-drafts/d2/802-1AEdk-d2-2-sa-recirc-dis3.pdf

Ballot Summary

Open Date: 03 Nov 2022   **Close Date:** 13 Nov 2022   **Status:** Closed
Draft Number: 2.2   **Meets Editorial Requirements:** Yes

Ballot Group Members: 65   **Ballot Stage:** Recirculation 1
Minimum should be 10
Return Ballots: (52) 80%
Minimum return rate is 75%
Abstentions: (3) 5%
Abstention must be below 30%

Approval Rate: 97%
Approval rate must be at least 75%

Votes counted in approval rate		Votes not counted in approval rate	
Approve	48	Disapprove Without MBS Comment(s)	0
Disapprove With MBS Comment(s)	1	Abstentions	3
Total	49	Total	3

Total Votes	52	Total Comments	9

The vote tally for "Disapprove With MBS Comment(s)" = current Disapprove votes for which an MBS (Must Be Satisfied) comment existed in any round of balloting.

EEE 802

Supporting information P802.1AEdk – 1 –Disapprove comments withdrawn – email from commenter

From   Benjamin Rolfe <ben@blindcreek.com>   ⬤ Reply ⬅ Forward 🗍 Archive ⬥ Junk 🗑 Delete More ⌄ ☆

To   Me <mickseaman@gmail.com> ⬤   1/30/23, 2:54 PM

Subject **Re: Your vote on the SA Recirculation ballot of P802.1AEdk MAC Security : Amendment MAC Privacy protection**

Tags To Do

Thanks Mick, I will consider it.
Ben

From: Mick Seaman <mickseaman@gmail.com>
Sent: Friday, January 27, 2023 12:41 PM
To: Benjamin Rolfe <ben@blindcreek.com>
Cc: Glenn Parsons <glenn.parsons@ericsson.com>; Jessy V Rouyer <jessy.rouyer@nokia.com>; Karen Randall <karen@RANDALL-CONSULTING.COM>
Subject: Re: Your vote on the SA Recirculation ballot of P802.1AEdk MAC Security : Amendment MAC Privacy protection

Hi Ben,
Just to follow up on this ballot. I have uploaded the resolution of comments to IEEE myProject. myProject, while requiring a Disapprove vote to be accompanied with a Must Be Satisfied comment does not take into account WITHDRAWN comments – so you now formally have a Disapprove with no outstanding Must Be Satisfied comments.
While the D2.2 Recirculation Ballot is closed (no further comments accepted), you can (if you wish) login to myProject and change your vote to Abstain or Approve.
That would save time in the processing steps, and avoid the need to go over the vote/withdrawal/myProject scenario with the EC and RevCom.
Thank you for your help in this process.
Mick Seaman
Chair, IEEE 802.1 Security Task Group

On 1/19/2023 7:37 PM, Mick Seaman wrote:

Ben, thank you, that makes progression simple.

Mick

On Jan 19, 2023, at 5:30 PM, Benjamin Rolfe <ben@blindcreek.com> wrote:

You may resolve these as "rejected: comment withdrawn by voter"
Ben

EEE 802

Supporting information P802.1AEdk – 2— Disapprove comments withdrawn – email from commenter cont.

On Jan 19, 2023, at 5:30 PM, Benjamin Rolfe <ben@blindcreek.com> wrote:

You may resolve these as "rejected: comment withdrawn by voter"
Ben

From: Mick Seaman <mickseaman@gmail.com>
Sent: Tuesday, January 17, 2023 3:30 PM
To: Benjamin Rolfe <ben@BLINDCREEK.COM>
Cc: Glenn Parsons <glenn.parsons@ericsson.com>; Jessy V Rouyer <jessy.rouyer@nokia.com>
Subject: Your vote on the SA Recirculation ballot of P802.1AEdk MAC Security : Amendment MAC Privacy protection

Hi Ben,

I was hoping to catch up with you in person in the 802.1/802.15 Joint Meeting (which is happening just now).

You had a number of Must Be Satisfied comments on the 1st Recirculation SA Ballot of P802.1AEdk.

I think you had not noticed that this was a Recirculation Ballot. We had very few changes on the Initial SA Ballot, with only one Disapprove with one MBS Comment. This comment required the inclusion of the EtherType to be assigned at SA Ballot time in the draft. This was done prior to Draft 2.2 which was the subject of the Recirculation Ballot.

The comments you had made on the ballot were thus formally Out of Scope.

However we have considered all the comments, and the CRG consensus is that we should not change the draft further. You did have a number of comments about the text in NOTEs, but all this text is properly Informative – while it may appear substantive all the statements made (for the purpose of drawing the reader's attention to the normative

EEE
802

Supporting information P802.1AEdk – 3 – Withdrawn comments

CI 3   **SC** 3   **P** 29   **L** 6   **#** R1-1

Rolfe, Benjamin   Blind Creek Associates

Comment Type   **TR**   *Comment Status* **D**

The NOTE is completely inappropriate in the definition clause. It is not about the term "access priority" but about the technical concept of access priority. Technical content belongs in appropriate normative clauses, not in clause 3.

SuggestedRemedy
Remove NOTE

Proposed Response   *Response Status* **Z**
REJECT.

This comment was WITHDRAWN by the commenter.

CI 3   **SC** 3   **P** 29   **L** 21   **#** R1-2

Rolfe, Benjamin   Blind Creek Associates

Comment Type   **GR**   *Comment Status* **D**

This note seems to add confusion, not clarity. Whatever the point, it is better made when describing the behaviors associated with express frames, not in clause 3.

SuggestedRemedy
Delete note.

Proposed Response   *Response Status* **Z**
REJECT.

This comment was WITHDRAWN by the commenter.

CI 3   **SC** 3   **P** 29   **L** 25   **#** R1-3

Rolfe, Benjamin   Blind Creek Associates

Comment Type   **GR**   *Comment Status* **D**

Really? You think you need to define "traffic"? Totally unneeded, the concept is clearly defined in the standards. Cluttering up the standards, and the IEEE dictionary, with yet another definition of a word is silly and adds not clarity.

SuggestedRemedy
Delete definition

Proposed Response   *Response Status* **Z**
REJECT.

This comment was WITHDRAWN by the commenter.

CI 3   **SC** 3   **P** 29   **L** 28   **#** R1-4

Rolfe, Benjamin   Blind Creek Associates

Comment Type   **TR**   *Comment Status* **D**

The NOTE contains technical content regarding how the feature "preemption" is used. It belongs somewhere else, not clause 3. Here you should provide only a definition of the term not specifics as to the thing to which the term refers, in this case, a feature.

SuggestedRemedy
Delete note.

Proposed Response   *Response Status* **Z**
REJECT.

This comment was WITHDRAWN by the commenter.

CI 3   **SC** 3   **P** 29   **L** 35   **#** R1-5

Rolfe, Benjamin   Blind Creek Associates

Comment Type   **TR**   *Comment Status* **D**

This note belongs somewhere else. Not associated with the definition of the term "Privacy channel". I suggest an appropriate normative clause regarding fragmentation.

SuggestedRemedy
Delete note

Proposed Response   *Response Status* **Z**
REJECT.

This comment was WITHDRAWN by the commenter.

EEE 802

Supporting information P802.1AEdk – 4 – Withdrawn comments cont.

CI 3   *SC* 3   *P* 29   *L* 41   # R1-6

Rolfe, Benjamin   Blind Creek Associates

Comment Type   **TR**   *Comment Status*   **D**

Another inappropriate note. This one describing a technical characteristic, even a requirement, on "shim" and how it is used. Technical content appropriate to a normative clause. Also, the definition seems not very helpful. This sent me searching for a technical definition of "shim" which I did not find. though I know what it means where it is used from the context, which is sufficient. So really, you don't need it here. If you think someone wont know what shim means in this standard, add a technical description of what a shim provides and perhaps requirements for what constitutes a shim in an appropriate normative clause.

SuggestedRemedy

remove definition and note.

Proposed Response   *Response Status*   **Z**

REJECT.

This comment was WITHDRAWN by the commenter.

CI 4   *SC* 4   *P* 30   *L* 0   # R1-7

Rolfe, Benjamin   Blind Creek Associates

Comment Type   **ER**   *Comment Status*   **D**

All acronyms should be expanded at the first use. I notice that the first three I checked are not.

SuggestedRemedy

Check that all acronyms are properly used prior to sending it to the publication editors.

Proposed Response   *Response Status*   **Z**

REJECT.

This comment was WITHDRAWN by the commenter.

CI 5   *SC* 5.2   *P* 32   *L* 28   # R1-8

Rolfe, Benjamin   Blind Creek Associates

Comment Type   **TR**   *Comment Status*   **D**

This is specifying (as is the entire clause) behaviors of entities outside the scope of this standard. i.e. suppliers of implementations of the standard.
It is way past time to remove "shalls" that describe behavior of implementers and suppliers, rather than of the conforming implementation, from this clause and the PICS. "Shall", "may" and "should" properly behaviors within the scope of this standards.

SuggestedRemedy

Change "shall provide" to "provides". and "shall complete" to "completes". At least in the new text. Don't make it worse.

Proposed Response   *Response Status*   **Z**

REJECT.

This comment was WITHDRAWN by the commenter.

EEE 802

Supporting information P802.1AEdk – 5 – Withdrawn comments – initial CRG resolution

CI 3	SC 3	P 29	L 6	# R1-1

Rolfe, Benjamin — Blind Creek Associates

Comment Type TR **Comment Status** R

The NOTE is completely inappropriate in the definition clause. It is not about the term "access priority" but about the technical concept of access priority. Technical content belongs in appropriate normative clauses, not in clause 3.

SuggestedRemedy

Remove NOTE

Response **Response Status** W

REJECT.
This comment is Out Of Scope of this Recirculation ballot. The ballot cover letter noted that as per the IEEE-SA Standards Board Manual 5.4.3, once 75% approval is achieved subsequent ballots shall be based only on changed portions, portions affected by changes, or portions that are subject of Unresolved comments associated with Do Not Approve votes. Only one Do Not Approve vote was received on the Initial SA Ballot (requiring EtherType assignment) and the only subsequent changes to the draft were the inclusion of the assigned EtherType, the MIB OID assignment suggested in the cover letter for the initial ballot, the minor editorials suggested in that cover letter, correction of a URL reference (comment I-2) and one change from "integral" to "integer" (comment I-7).

Note that this comment would have been rejected even if in Scope. The Note does not add any normative provision (which would have been indicated by the use of "shall", "may", or "should" as per 5.1 Requirements Terminology, but draws the readers' attention to normative provisions of this amendment's base standard that can be useful in appreciating the definition and its use in this standard. See IEEE Std 802.1AE-2018 6.10, 10.5 f), 10.7 e), 10.7.17. See also IEEE Std 802.1Q 6.13 (referenced by 11.7 of IEEE Std 802.1AE-2018).

CI 3	SC 3	P 29	L 21	# R1-2

Rolfe, Benjamin — Blind Creek Associates

Comment Type GR **Comment Status** R

This note seems to add confusion, not clarity. Whatever the point, it is better made when describing the behaviors associated with express frames, not in clause 3.

SuggestedRemedy

Delete note.

Response **Response Status** W

REJECT.
This comment is Out Of Scope of this Recirculation ballot. The ballot cover letter noted that as per the IEEE-SA Standards Board Manual 5.4.3, once 75% approval is achieved subsequent ballots shall be based only on changed portions, portions affected by changes, or portions that are subject of Unresolved comments associated with Do Not Approve votes. Only one Do Not Approve vote was received on the Initial SA Ballot (requiring EtherType assignment) and the only subsequent changes to the draft were the inclusion of the assigned EtherType, the MIB OID assignment suggested in the cover letter for the initial ballot, the minor editorials suggested in that cover letter, correction of a URL reference (comment I-2) and one change from "integral" to "integer" (comment I-7).

Note that this comment would have been rejected even if in Scope. The fact that a frame that will be (or has been) treated as an 'express frame' need not carry a marker explicitly identifying it as an express frame has proved to be useful to some readers.

IEEE 802

CI 3   **SC** 3   **P** 29   **L** 25   **#** R1-3

Rolfe, Benjamin   Blind Creek Associates

Comment Type GR   **Comment Status** R

Really? You think you need to define "traffic"? Totally unneeded, the concept is clearly defined in the standards. Cluttering up the standards, and the IEEE dictionary, with yet another definition of a word is silly and adds not clarity.

SuggestedRemedy

Delete definition

Response   **Response Status** W

REJECT.

This comment is Out Of Scope of this Recirculation ballot. The ballot cover letter noted that as per the IEEE-SA Standards Board Manual 5.4.3, once 75% approval is achieved subsequent ballots shall be based only on changed portions, portions affected by changes, or portions that are subject of Unresolved comments associated with Do Not Approve votes. Only one Do Not Approve vote was received on the Initial SA Ballot (requiring EtherType assignment) and the only subsequent changes to the draft were the inclusion of the assigned EtherType, the MIB OID assignment suggested in the cover letter for the initial ballot, the minor editorials suggested in that cover letter, correction of a URL reference (comment I-2) and one change from "integral" to "integer" (comment I-7).

Note that this comment would have been rejected even if in Scope. The question of the possible loose definition of "traffic" has arisen in the discussion of related standards and an explicit definition was added to satisfactorily conclude potentially long running discussions. The notions of traffic types, traffic classes, traffic engineering, TSN traffic, AV traffic are important in related standards (notably IEEE Std 802.1Q) and it is useful for this standard (which provides services that can be used by those standards) to consider 'traffic' as a sequence of frames.

CI 3   **SC** 3   **P** 29   **L** 28   **#** R1-4

Rolfe, Benjamin   Blind Creek Associates

Comment Type TR   **Comment Status** R

The NOTE contains technical content regarding how the feature "preemption" is used. It belongs somewhere else, not clause 3. Here you should provide only a definition of the term not specifics as to the thing to which the term refers, in this case, a feature.

SuggestedRemedy

Delete note.

Response   **Response Status** W

REJECT.

This comment is Out Of Scope of this Recirculation ballot. The ballot cover letter noted that as per the IEEE-SA Standards Board Manual 5.4.3, once 75% approval is achieved subsequent ballots shall be based only on changed portions, portions affected by changes, or portions that are subject of Unresolved comments associated with Do Not Approve votes. Only one Do Not Approve vote was received on the Initial SA Ballot (requiring EtherType assignment) and the only subsequent changes to the draft were the inclusion of the assigned EtherType, the MIB OID assignment suggested in the cover letter for the initial ballot, the minor editorials suggested in that cover letter, correction of a URL reference (comment I-2) and one change from "integral" to "integer" (comment I-7).

Note that this comment would have been rejected even if in Scope. The Note does not add any normative provision (which would have been indicated by the use of "shall", "may", or "should" as per 5.1 Requirements Terminology, but draws the readers' attention to normative provisions of this amendment's base standard that can be useful in appreciating the definition.

EEE 802

Supporting information P802.1AEdk – 7 – Withdrawn comments cont. – initial CRG resolution

CI 3   *SC* 3   *P* 29   *L* 35   *#* R1-5

Rolfe, Benjamin   Blind Creek Associates

Comment Type **TR**   *Comment Status* **R**

This note belongs somewhere else. Not associated with the definition of the term "Privacy channel". I suggest an appropriate normative clause regarding fragmentation.

SuggestedRemedy

Delete note

Response   *Response Status* **W**

REJECT.
This comment is Out Of Scope of this Recirculation ballot. The ballot cover letter noted that as per the IEEE-SA Standards Board Manual 5.4.3, once 75% approval is achieved subsequent ballots shall be based only on changed portions, portions affected by changes, or portions that are subject of Unresolved comments associated with Do Not Approve votes. Only one Do Not Approve vote was received on the Initial SA Ballot (requiring EtherType assignment) and the only subsequent changes to the draft were the inclusion of the assigned EtherType, the MIB OID assignment suggested in the cover letter for the initial ballot, the minor editorials suggested in that cover letter, correction of a URL reference (comment I-2) and one change from "integral" to "integer" (comment I-7).

Note that this comment would have been rejected even if in Scope. There is normative material concerning fragments and fragmentation in throughout this amendment (notably but not exclusively in 17.3.3, 17.4, 18.1, 18.4, and Clauses 19 and 20) and reminding the reader of the information in this note at all points would be tedious, and not necessarily successful in making the point that throughout this standard we are not considering IP fragmentation. This point is relevant to Privacy Channels because their use involves fragmentation but also extends to the immediately following definition of Privacy Frame.

CI 3   *SC* 3   *P* 29   *L* 41   *#* R1-6   —

Rolfe, Benjamin   Blind Creek Associates

Comment Type **TR**   *Comment Status* **R**

Another inappropriate note. This one describing a technical characteristic, even a requirement, on "shim" and how it is used. Technical content appropriate to a normative clause. Also, the definition seems not very helpful. This sent me searching for a technical definition of "shim" which I did not find. though I know what it means where it is used from the context, which is sufficient. So really, you don't need it here. If you think someone wont know what shim means in this standard, add a technical description of what a shim provides and perhaps requirements for what constitutes a shim in an appropriate normative clause.

SuggestedRemedy

remove definition and note.

Response   *Response Status* **W**

REJECT.
This comment is Out Of Scope of this Recirculation ballot. The ballot cover letter noted that as per the IEEE-SA Standards Board Manual 5.4.3, once 75% approval is achieved subsequent ballots shall be based only on changed portions, portions affected by changes, or portions that are subject of Unresolved comments associated with Do Not Approve votes. Only one Do Not Approve vote was received on the Initial SA Ballot (requiring EtherType assignment) and the only subsequent changes to the draft were the inclusion of the assigned EtherType, the MIB OID assignment suggested in the cover letter for the initial ballot, the minor editorials suggested in that cover letter, correction of a URL reference (comment I-2) and one change from "integral" to "integer" (comment I-7).

Note that this comment would have been rejected even if in Scope. The Note does not add any normative provision (which would have been indicated by the use of "shall", "may", or "should" as per 5.1 Requirements Terminology. The term "shim" is used 20 times in this amendment, and including its definition is believed to be useful. A reference to IEEE Std 802.1AC is provided (20.1, page 101 line 12) where more information is provided on shims (7.5 in Clause 7 "Basic architectural concepts and terms" in IEEE Stds 802.1AC-2016 Media Access Control (MAC) Service Definition". The term is also used in IEEE Std 802.1Q, which has the same definition (but a different NOTE since that standard also defines EISS shims), and in IEEE Std 802.1AX Link Aggregation.

EEE 802

CI 4   SC 4   P 30   L 0   # R1-7

Rolfe, Benjamin   Blind Creek Associates

Comment Type   ER   Comment Status   R

All acronyms should be expanded at the first use. I notice that the first three I checked are not.

SuggestedRemedy

Check that all acronyms are properly used prior to sending it to the publication editors.

Response   Response Status   W

REJECT.
This comment is Out Of Scope of this Recirculation ballot. The ballot cover letter noted that as per the IEEE-SA Standards Board Manual 5.4.3, once 75% approval is achieved subsequent ballots shall be based only on changed portions, portions affected by changes, or portions that are subject of Unresolved comments associated with Do Not Approve votes. Only one Do Not Approve vote was received on the Initial SA Ballot (requiring EtherType assignment) and the only subsequent changes to the draft were the inclusion of the assigned EtherType, the MIB OID assignment suggested in the cover letter for the initial ballot, the minor editorials suggested in that cover letter, correction of a URL reference (comment I-2) and one change from "integral" to "integer" (comment I-7).

Note that this comment would have been rejected even if in Scope. The comment does not identify the acronyms that were checked. The expansion of the first 8 acronyms used in this amendment (MAC, LAN, MACsec, SecY, MIB, PrY, MPPDU, EDE) are all expanded on first use in pages 23 through 36. Note also that this draft standard is an amendment and that the base standard 802.1AE-2018 also expands acronyms and may use those acronyms in text prior to the text added or amended by this draft.

CI 5   SC 5.2   P 32   L 28   # R1-8

Rolfe, Benjamin   Blind Creek Associates

Comment Type   TR   Comment Status   R

This is specifying (as is the entire clause) behaviors of entities outside the scope of this standard. i.e. suppliers of implementations of the standard.
It is way past time to remove "shalls" that describe behavior of implementers and suppliers, rather than of the conforming implementation, from this clause and the PICS. "Shall", "may" and "should" properly behaviors within the scope of this standards.

SuggestedRemedy

Change "shall provide" to "provides". and "shall complete" to "completes". At least in the new text. Don't make it worse.

Response   Response Status   W

REJECT.
This comment is Out Of Scope of this Recirculation ballot. The ballot cover letter noted that as per the IEEE-SA Standards Board Manual 5.4.3, once 75% approval is achieved subsequent ballots shall be based only on changed portions, portions affected by changes, or portions that are subject of Unresolved comments associated with Do Not Approve votes. Only one Do Not Approve vote was received on the Initial SA Ballot (requiring EtherType assignment) and the only subsequent changes to the draft were the inclusion of the assigned EtherType, the MIB OID assignment suggested in the cover letter for the initial ballot, the minor editorials suggested in that cover letter, correction of a URL reference (comment I-2) and one change from "integral" to "integer" (comment I-7).

Note that this comment would have been rejected even if in Scope. The requirement that a supplier of implementation *shall* complete a PICS to make a claim of conformance to this standard is an important and well established part of IEEE 802 standards and their adoption by ISO going back (at least) to IEEE 802.1D-1990. The referenced text "The supplier … implementation that is claimed to conform … shall complete … the PICS proforma" is used in the base standard (802.1AE-2018), in IEEE Stds 802.1Q, 802.1AR, 802.1AS, 802.1AX, 802.1BA, 802.1CB, 802.1CM, and 802.1X. The requirement (with "shall") is also stated for all the capabilities standardized in IEEE Std 802.3-2022 with 179 instances of "supplier … shall complete", for IEEE Std 802.11-2020 ("supplier of a protocol implementation that is claimed to comply with IEEE Std 802.11-2020 shall complete the …PICS…"), in the PICS annexes for IEEE Stds 802.15.1-2002, 802.15.3.2003, and 802.15.4-2015, and in 802.21-2009.
In all cases it is important have a definitive statement of implemented provisions in a given implementation when a supplier claims conformance.

EEE 802

802.1 Motions
2023-03

Consent Agenda

Liaisons and external communications (ME)

EEE
802

Motion

- Approve submission of the following draft(s) to ISO/IEC JTC1/SC6 for information under the PSDO agreement, once SA balloting begins.
    - IEEE P802.1CS-2020/Cor1

- In the WG, Proposed: Paul Congdon   Second: Karen Randall
    - Sending draft (y/n/a): 40, 1, 6

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

EEE 802

Motion

- Approve submission of the following draft(s) to ISO/IEC JTC1/SC6 for adoption under the PSDO agreement, once approved and published.
    - IEEE P802.1AEdk

- In the WG, Proposed: Paul Congdon   Second: Karen Randall
    - Sending draft (y/n/a):   41, 1, 8

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

EEE
802

802.1 Motions
2023-03

Consent Agenda

Liaisons and external communications (II)

EEE 802

Motion

- Approve https://www.ieee802.org/1/files/public/docs2023/liaison-response-itu-t-sg15-otnt-swp-0323.pdf as communication to ITU-T SG15 on LS15: OTNT Standardization Work Plan Issue 31, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
  - This approval is under LMSC OM "IEEE 802 LMSC subgroup public statements to government bodies"

- In the WG, Proposed: Paul Congdon Second: Karen Randall
  - Sending liaison (y/n/a):   40, 1, 5

- In EC, for information (or motion to block)

EEE 802

Motion

- Approve https://www.ieee802.org/1/files/public/docs2023/liaison-response-itu-t-SG13-DeterminCommunicSvcsandNetworking-0323.pdf as communication to ITU-T SG13 granting the IEEE 802.1 WG chair (or his delegate) editorial license.
  - This approval is under LMSC OM "IEEE 802 LMSC subgroup public statements to government bodies"

- In the WG (y/n/a):   42, 1, 5
  - Proposed: János Farkas,   Second: Karen Randall

- In EC, for information (or motion to block)

EEE 802

Motion

- Approve https://www.ieee802.org/1/files/public/docs2023/liaison-IETF-RFC7042bis-0323.pdf as communication to IETF regarding review of https://datatracker.ietf.org/doc/draft-eastlake-rfc7042bis/09/, granting the IEEE 802.1 WG chair (or his delegate) editorial license and incorporation of additional RAC approved comments.

- In the WG, Proposed: Paul Congdon   Second: Karen Randall
    - Sending draft (y/n/a): 40, 1, 5

- In EC, for information

EEE
802

Motion

- Approve
  https://www.ieee802.org/1/files/public/docs2023/liaison
  -response-LNI40-WhitepaperandIEEESAlogorequest-
  0323.pdf as communication to LNI 4.0, granting the
  IEEE 802.1 WG chair (or his delegate) editorial
  license.

- In the WG, Proposed: János Farkas   Second: Karen
  Randall

- (y/n/a): 40, 2, 5

- In the EC, for information

EEE
802

Motion

- Approve https://www.ieee802.org/1/files/public/docs2023/liaison-response-80211-TSNsupport-0323.pdf as communication to the IEEE 802.11 WG, granting the IEEE 802.1 WG chair (or his delegate) editorial license.

- Proposed: János Farkas
- Second: Karen Randall

- In the WG (y/n/a):   43, 2, 3

- In the EC, for information

EEE
802

Motion

- Approve https://www.ieee802.org/1/files/public/docs2023/liaison-response-BBF-1XandYANG-0323.pdf as communication to BBF, granting the IEEE 802.1 WG chair (or his delegate) editorial license.

- Proposed: Mick Seaman
- Second: Karen Randall

- In the WG (y/n/a): 41, 1, 7

- In the EC, for information

EEE
802

802.1 Motions for LMSC agenda, including supporting material

IEEE 802 LMSC
March 2023

V1 (802.1 version #)

EEE
802

802.1 Motions
2022-03

Liaisons and external communications (ME)

EEE 802

Motion

- Approve the Call for Participation in the IEC/IEEE 60802 project in https://www.ieee802.org/1/files/public/docs2023/60802-draft-cfp-0323-v01.pdf for release by IEEE SA, granting the IEEE 802.1 WG chair (or his delegate) editorial license.

- In the WG (y/n/a): 42, 2, 6
  - Proposed: Jordon Woods,   Second: Ludwig Winkel

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

EEE
802

Administrative

WG MOTIONS

Minutes Motion

- 802.1 approves the November 2022 (plenary) and January 2023 (interim) session minutes:
  - https://www.ieee802.org/1/files/public/minutes/2022-11-minutes.pdf
  - https://www.ieee802.org/1/files/public/minutes/2023-01-minutes.pdf

- Proposed: Jessy Rouyer
- Seconded: János Farkas

- Approved by acclamation

Motion

- 802.1 approves to hold an 802.1 interim session Sep 11-15, 2023 in Niskayuna (Albany), NY, USA, hosted by General Electric as in-person session with provisions to support mixed mode.

- Proposal in https://www.ieee802.org/1/files/public/docs2023/admin-jabbar-sep-2023-interim-proposal-0323-v01.pdf

- Proposed: Stephan Kehrer Seconded: Ludwig Winkel

- Yes: 40   No: 5   Abstain: 5

Meetings motion

- 802.1 authorizes the noted subgroups to hold the meetings in the following future meetings table with announcement requirement, agenda and access information as indicated

- Proposed: Jessy Rouyer
- Seconded: János Farkas
- In the WG (y/n/a):   45, 2, 0

Future meetings table

Subgroup	Topic	Date	Time	Recurrence	Date annoucements (days prior)	Agenda	Agenda	Access Information
YANGsters	per agenda	Tue 2023/04/11	10:00 - 11:00 ET	every two weeks	motion	5 days	802.1 Minutes email list	https://1.ieee802.org/yangsters/yangsters-call-information/
YANGsters	per agenda	as announced			10 days	10 days	802.1 Minutes email list	https://1.ieee802.org/yangsters/yangsters-call-information/
Maintenance TG	address TG matters and progress resolution of items in https://1.ieee802.org/maintenance/database/	as announced			10 days	10 days	802.1 Minutes email list	https://1.ieee802.org/category/maintenance-tg-agenda/
Maintenance TG	P802REVc	as announced			10 days	10 days	802.1 Minutes email list 802 Architecture list	https://1.ieee802.org/category/maintenance-tg-agenda/
Security TG	progress P802.1AEdk, P802.1Qdt and TG matters arising	as announced			10 days	10 days	802.1 Minutes email list	https://1.ieee802.org/security/security-task-group-agenda/
TSN TG	per agenda	Mon 2023/07/10	8:00 - 10:00 ET	none	motion	14 days	https://1.ieee802.org/category/tsn-tg-agenda/	https://1.ieee802.org/meetings/
TSN TG	progress IEC/IEEE 60802 Joint Project and other TSN TG work	Fri 2023/07/14	8:00 - 17:00 ET	none	motion	14 days	https://1.ieee802.org/category/tsn-tg-agenda/	https://1.ieee802.org/meetings/
TSN TG	per agenda	Mon 2023/03/20	11:00 - 13:00 ET	weekly	motion	5 days	802.1 Minutes email list	http://www.ieee802.org/1/tsn
TSN TG	progress TG projects and TG matters arising	as announced			10 days	10 days	802.1 Minutes email list	http://www.ieee802.org/1/tsn
TSN TG	progress IEC/IEEE 60802 Joint Project work with IEC 65C/WG18	Mon 2023/03/20	9:00 - 11:00 ET	weekly	motion	5 days	802.1 Minutes email list	http://www.ieee802.org/1/tsn
TSN TG	progress IEC/IEEE 60802 Joint Project work with IEC 65C/WG18	Fri 2023/03/24	9:00 - 11:00 ET	weekly	motion	5 days	802.1 Minutes email list	http://www.ieee802.org/1/tsn
TSN TG	progress P802.1DG	Tue 2023/04/04	9:00 - 11:00 ET	every two weeks	motion	5 days	802.1 Minutes email list	http://www.ieee802.org/1/tsn
TSN TG	progress P802.1DP / SAE AS6675 Joint Project work with SAE AS6675	Wed 2023/03/29	10:00 - 12:00 ET	every two weeks	motion	5 days	802.1 Minutes email list	http://www.ieee802.org/1/tsn
TSN TG	discuss common TSN for converged networks	Tue 2023/05/09	9:00 - 11:00 ET	none	motion	10 days	802.1 Minutes email list	http://www.ieee802.org/1/tsn
Nendica	per agenda	Thu 2023/03/30	9:00 - 11:00 ET	every two weeks	motion	5 days	802.1 Minutes email list	https://1.ieee802.org/802-nendica/
Nendica	per agenda	as announced			10 days	10 days	802.1 Minutes email list	https://1.ieee802.org/802-nendica/

Nendica

WG MOTIONS

Motion

- 802.1 authorizes Nendica to prepare, during its scheduled meetings, a draft ICAID renewal for pre-submission to the July IEEE 802 Plenary.

- Proposed: Johannes Specht
- Second: Nader Zein

- In the WG (y/n/a):   36, 4 , 6

YANGsters

WG MOTIONS

Maintenance TG

WG MOTIONS

Security TG

WG MOTIONS

TSN TG

WG MOTIONS

Motion

- 802.1 authorizes the TSN TG to generate PAR and CSD at the May 2023 interim session for pre-circulation to the EC for an amendment to IEEE 802.1Q on YANG for the Multiple Spanning Tree Protocol

- Proposed: Josef Dorr
- Second: János Farkas

- In the WG (y/n/a): 40, 1, 5

Motion

- 802.1 authorizes the TSN TG to modify the PAR of the IEC/IEEE 60802 Time-Sensitive Networking Profile for Industrial Automation Joint Project with YANG specific to the 60802 management requirements at the May 2023 interim session for pre-circulation to the EC.
- Proposed: Ludwig Winkel
- Second: Jordon Woods
- In the WG (y/n/a): 35, 2, 15

Any other business?

Motion

- 802.1 approves to hold an 802.1 interim session May 13-17, 2024 in Warsaw, Poland hosted by 802 Wireless as in-person session.

- Proposed: Norman Finn
  Seconded: Stephan Kehrer

- Yes: 34   No: 6   Abstain: 6