IEEE 802.1 Working Group
March 10-14, 2025 Plenary Session
Atlanta, GA, USA – Mixed Mode
Session Minutes

The Working Group (WG) Chair, Glenn Parsons, presided and had requested that any subgroup Chair in remote attendance have on-site an individual acting on their behalf as needed to help conduct proceedings in "mixed mode", i.e. with local and remote participants. The Recording Secretary, Jessy Rouyer, wrote and/or edited the minutes in part based on input from subgroup Chairs and their Secretaries.

Note that, throughout this document, minuted/recorded inputs from any attendee can not/shall not be assumed to represent a position of their employer or affiliated organization. Discussion points captured do not necessarily reflect the views of the presenter, discussion leader or minute taker, and do not imply consensus unless that is explicitly minuted. The content of draft standards is determined by the ballot process; other formal decisions are the subject of Working Group motions.

1 Attendance and affiliation

The table in this section reflects the attendance (denoted by the ● symbol) and affiliation of attendees in all 802.1 WG and subgroup meetings held in this session. Also see section 4.

The session columns, in order from left (first data column) to right, are:

1. TSN, Mon Mar 10, 2025, 08:00 - 10:00 ET
2. Opening Plenary, Mon Mar 10, 2025, 10:30 - 12:30 ET
3. TSN, Mon Mar 10, 2025, 13:30 - 15:30 ET
4. Maintenance, Mon Mar 10, 2025, 16:00 - 18:00 ET
5. Maintenance, Tue Mar 11, 2025, 08:00 - 10:00 ET
6. TSN - IEC/IEEE 60802, Tue Mar 11, 2025, 10:30 - 12:30 ET
7. TSN - P802.1DP/AS6675, Tue Mar 11, 2025, 13:30 - 15:30 ET
8. YANGsters, Tue Mar 11, 2025, 16:00 - 18:00 ET
9. 802.1/802.15 Joint, Tue Mar 11, 2025, 18:15 - 19:15 ET
10. Nendica, Wed Mar 12, 2025, 08:00 - 10:00 ET
11. TSN - IEC/IEEE 60802, Wed Mar 12, 2025, 10:30 - 12:30 ET
12. Security, Wed Mar 12, 2025, 10:30 - 12:30 ET
13. TSN - IEC/IEEE 60802, Wed Mar 12, 2025, 13:30 - 15:30 ET
14. Security, Wed Mar 12, 2025, 13:30 - 15:30 ET
15. TSN - IEC/IEEE 60802, Wed Mar 12, 2025, 16:00 - 18:00 ET
16. Security, Wed Mar 12, 2025, 16:00 - 18:00 ET
17. Maintenance, Thu Mar 13, 2025, 08:00 - 10:00 ET
18. Maintenance, Thu Mar 13, 2025, 10:30 - 12:30 ET
19. Closing Plenary, Thu Mar 13, 2025, 13:30 - 18:00 ET
20. TSN - IEC/IEEE 60802, Fri Mar 14, 2025, 08:00 - 10:00 ET
21. TSN - IEC/IEEE 60802, Fri Mar 14, 2025, 10:30 - 12:30 ET

Last name	First name	Affiliation	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Ahmed	Mahin	Silicon Austria Labs GmbH	●	●	●		●	●				●	●	●	●		●				●	●	
Almholt	Thomas	Texas Instruments Inc.							●														
Amezawa	Yasuharu	Mobile Techno Corp.							●														
Amtmann	Franz	NXP*	●																				
Arunarthi	Venkat	Broadcom Corporation	●	●	●	●	●	●	●	●		●	●	●	●	●	●		●	●			
Bansal	Ankur	SAMSUNG							●														
Berger	Christian	NXP*							●														
Boiger	Christian	Infineon Technologies	●	●			●	●	●			●	●	●	●	●	●	●	●	●	●	●	
Bottorff	Paul	Hewlett Packard Enterprise	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
Bruckman	Leon	NVIDIA												●									
Canchi	Radhakrishna	Kyocera International Inc		●	●			●	●	●				●	●	●	●				●	●	

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Cavalcanti	Dave	Intel		●			●			●													
Chen	Alice Jialing Li	Qualcomm*						●															
Chen	Lihao	Huawei Technologies Co., Ltd	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Chen	Wei-Han	Mediatek*		●																			
Chimento	Nicholas	Analog Devices Inc.	●															●					
Chou	Tzu-Hsuan	Qualcomm*		●																			
Choudhury	Abhijit	Broadcom Corporation		●	●			●	●	●			●		●	●	●				●	●	
Coelho[3]	Rodrigo	Siemens AG										●	●				●						
D'Ambrosia	John	Futurewei Technologies, U.S. Affiliate of Huawei									●												
Desai	Prasanna	Intel*		●																			
Du	Zongpeng	China Mobile Limited		●			●	●				●	●	●	●	●	●		●		●		●
Escudero-Sahuquillo	Jesus	IEEE STAFF		●					●			●	●	●		●	●			●			
Farkas	Janos	Ericsson AB	●	●	●	●	●	●	●		●	●	●	●	●	●	●		●	●			
Fedyk	Donald	LabN Consulting, L.L.C.	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●				
Gilb	James	General Atomics Aeronautical Systems, Inc.		●						●													
Godfrey	Tim	Electric Power Research Institute, Inc. (EPRI)								●													
Golshan	Robert	Apple Inc*						●	●														
Goto	Fumihide	DENSO	●			●		●	●	●		●	●	●	●	●	●	●		●			
Goto	Hideki	Toyota Motor Corporation	●												●	●							
Gravel	Mark	Hewlett Packard Enterprise	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
Guimond	Raphael	SPARK Microsystems							●														
Haasz	Jodi	IEEE Standards Association (IEEE-SA)		●			●	●			●	●	●	●					●	●			
Haddock	Stephen	Stephen Haddock Consulting, LLC	●	●	●	●	●	●	●	●			●	●		●	●						
Han	Dong	Apple Inc*								●													
Han	Ruibo	China Mobile Communications Corporation (CMCC)		●	●					●	●	●	●	●	●	●			●	●			
Hantel	Mark	Rockwell Automation	●	●	●	●	●	●		●	●	●	●	●	●	●	●						
Helmy	Ahmed	Apple Inc*						●	●														
Hernandez	Marco	National Institute of Information and Communications Technology (NICT)				●				●	●												
Holness	Marc	Ciena Corporation	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
Hon	Kam Yan	Cisco Systems, Inc.*					●																
Hoshino	Masayuki	Continental*									●	●											
Hu	Mark	Aptiv		●						●	●	●	●										
Ito	Yoshihiro	Nagoya Institute of Technology	●	●	●	●	●	●	●		●	●	●	●			●	●	●				
Jabbar	Abdul	General Electric Company (GE)	●	●	●	●	●	●	●	●		●	●		●	●	●	●					
Joo	SeongSoon	ETRI*								●													
Kabra	Lokesh	Synopsys, Inc.	●															●	●	●	●		
Kasichainula	Kishore	Intel Corporation		●	●			●	●	●				●		●			●	●	●	●	
Kato	Arata	Space-Time Engineering Japan, Inc.*								●													
Kehrer	Stephan	Belden	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●				
Kiessling	Marcel	Beckhoff Automation		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
Kim	Yongbum	Tenstorrent	●																				
Kitazawa	Shoichi	Muroran IT							●														

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Kivinen	Tero	Self Employed												●									
Kobayashi	Takumi	Yokohama National University												●									
Kohno	Ryuji	YNU/YRP-IAI												●									
Krieger	Ann	US Department of Defense												●									
Kumar	Manish	NXP*					●																
Lai	Gavin	Moxa Inc.	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●
Landry	Gary	Texas Instruments Inc.*												●									
Li	Jieyu	China Mobile	●	●	●									●							●	●	
Lin	YK	Realtek Semiconductor Corp.	●																		●	●	
Liu	Peng	China Mobile Limited						●	●	●			●	●	●	●							●
Luo	Xiliang	Apple Inc												●									
Lyu	Yunping(Lily)	Huawei Technologies Co., Ltd	●	●	●			●		●			●	●	●						●	●	
Maile[3]	Lisa	Technische Universität Braunschweig																				●	
Mangin	Christophe	Mitsubishi Electric Corporation	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●			
Mansfield	Scott	Telefon AB LM Ericsson	●	●	●	●	●	●		●	●		●	●						●	●	●	
Marks	Roger	EthAirNet Associates								●	●										●		
Maru	Sandra	IEEE SA Staff											●			●							
Mater	Olaf	Marvell Semiconductor, Inc.	●	●	●	●	●	●	●				●	●	●	●				●	●	●	●
McCall	David	Intel	●	●	●		●	●					●	●	●	●	●	●		●	●		
McClellan	Brett	Marvell Semiconductor, Inc.											●	●									
McIntosh	James	Microchip Technology, Inc.											●	●	●	●	●			●			
Mittelberger	Martin	Siemens AG	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●			
Molina	Isaac	Analog Devices Inc.		●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●			
Montreuil	Leon	Broadcom Corporation*		●																			
Nakano	Hiroki	Red Orange Co Ltd; CAHI Corporation	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●		●
Nikolich	Paul	Paul Nikolich												●									
Nomura	Takumi	Honda R&D	●	●	●	●	●	●	●	●			●	●	●					●	●		
Ofelt	David	Juniper Networks, Inc.												●									
Ogawa	Masakatsu	Sophia University*								●	●												
Parkholm	Ulf	Ericsson AB											●	●	●	●	●						
Parsons	Glenn	Ericsson AB		●	●	●	●	●	●	●	●		●	●	●	●				●	●	●	
Peterson	Eric	Blue Origin	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	
Pirhonen	Riku	NXP*												●									
Portier	Fabrice	Silicon Laboratories	●					●						●									
Proell	Dieter	Siemens AG	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●
Qureshi	Haneya	GM*																					●
Randall	Karen	Randall Consulting	●	●	●	●	●	●	●				●	●	●	●	●	●	●	●			
Razavi	Alireza	Marvell											●	●									
Regev	Alon	Keysight Technologies	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●			
Rodine	Craig	Sandia National Laboratories												●									
Rodrigues	Silvana	Huawei Technologies Co., Ltd	●	●	●	●	●	●	●	●	●		●		●				●	●	●		
Rouyer	Jessy	Nokia		●	●	●	●	●	●	●	●		●	●	●	●				●	●	●	
Sadler	Jonathan	Nokia		●		●	●	●	●	●			●	●	●	●				●	●	●	
Santulli	Jennifer	IEEE STAFF		●						●			●		●		●					●	

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Sato	Atsushi	Yokogawa Electric Corporation	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Seaman	Michael	Individual	•	•	•	•					•	•	•	•	•					•	•		
Seewald	Maik	Cisco Systems, Inc.	•	•	•	•	•	•	•	•	•	•		•		•	•		•	•			
Sinha	Santanu	Broadcom Corporation						•	•	•					•	•	•	•					
Sivakolundu	Ramesh	Cisco Systems, Inc.	•	•	•	•	•	•	•	•		•	•		•		•		•	•	•		
So	Yougwan	Samsung*								•													
Specht	Johannes	Self-Funded	•	•	•	•	•		•			•	•	•	•	•	•	•	•	•	•	•	•
Stanica[3]	Marius	ABB AB						•					•	•	•								
Steindl[3]	Guenter	Siemens AG											•	•									
Turner	Max	Ethernovia	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Uno	Uno	e-trees.Japan*								•													
Venkatesan	Ganesh	Intel	•	•	•	•		•	•	•		•	•	•	•	•	•	•	•	•	•	•	•
Voelker[3]	Lars	Technica Engineering GmbH											•	•									
Wang	Tongtong	Huawei Technologies Co., Ltd	•	•	•		•	•		•		•	•		•	•	•	•	•	•			
Woods[3]	Jordon	None - Self-funded		•				•					•	•	•	•	•	•				•	
Xu	Li	Huawei Technologies Co., Ltd										•											
Xu	Luzhou	Apple Inc*		•					•	•													
Yamaura	Takahiro	TOSHIBA Corporation	•	•	•	•	•	•	•	•	•	•	•	•						•			
Yang	Shang-Te	Apple Inc							•	•													
Zein[3]	Nader	NEC Europe (NLE)						•															
Zhou	Robert	Apple Inc*								•													

(*) Last and first names and affiliation possibly incorrect as based on Webex access information or otherwise.

(1) IEEE 802 LMSC fee waivers - Full week (6.3 of IEEE 802 LMSC WG P&P)

(2) Invited officers of other SDOs - Full week (item 9 in 4.1 of IEEE 802 LMSC Chair's guidelines)

(3) WG Chair designated remote individuals limited to specific topics - Single Meeting (IEEE 802 LMSC Operations Manual, clause 5)

2 802.1 Officers and Leadership

- Chair: Glenn Parsons
- Vice-Chair and Recording Secretary: Jessy Rouyer
  - Executive Secretary: Stephan Kehrer
  - Liaison Secretary: Karen Randall
- Maintenance TG Chair: Mark Hantel
- Security TG Chair: Mick Seaman
  - Security TG Vice-Chair: Karen Randall
- TSN TG Chair: János Farkas
  - TSN TG Vice-Chair: David McCall
  - TSN TG Secretary: Johannes Specht
  - IEC/IEEE 60802 Joint Project Chair: Dieter Pröll
  - IEC/IEEE 60802 Joint Project Secretary: vacant
  - IEEE P802.1DP/SAE AS6675 joint project co-Chairs: Abdul Jabbar & János Farkas
  - IEEE P802.1DP/SAE AS6675 joint project Secretary: Nader Zein
- NENDICA Chair: Roger Marks
  - Nendica Vice-Chair: Johannes Specht
- 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

3 Opening Plenary Meeting

See section 1 for attendance and affiliation information.

Call to order Mar 10, 2025 at 10:30 ET by the Chair who presided. The Recording Secretary wrote the minutes.

The Chair presented "Opening Plenary March 2025" finalized as
http://www.ieee802.org/1/files/public/minutes/2025-03-opening-plenary-slides.pdf.

During this presentation, the Chair:
- Introduced the agendas on slide 2 that were tacitly approved.
- Reminded all participants that access to this session requires a registration fee (slide 3).
- Provided mixed mode session information (slide 4) and mixed mode guidelines (slides 5-7).
- Reviewed meeting decorum, including the policies on public reporting, and on photography or recording (slide 8), and called for any members of the press (i.e., anyone reporting publicly on this meeting) who have not already announced themselves to announce their presence.
  - There were no responses to the call.
- Asked participants to record attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker (slide 9).
- Reminded the Working Group of the logistics orientation information available https://1.ieee802.org/orientation/ and of the possibility to practice the web-based voting tool to be used for straw polls and for motions at the 802.1 closing plenary meeting (slide 10).
- Introduced meeting policies to be reviewed at this meeting (slide 11).

- Showed slides 12 through 16 (reproducing slides 0 through 4 of the IEEE SA PatCom Patent Slides for Standards Development Meetings, separately available at http://standards.ieee.org/about/sasb/patcom/materials.html).
  The Chair:
    - Presented information on these slides including:
        - Instructions for the WG Chair;
        - Participants have a duty to inform the IEEE;
        - Ways to inform IEEE;
        - Other guidelines for IEEE Working Group meetings; and
        - Patent-related information.
    - Advised WG attendees that:
        - IEEE SA'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.
    - Made the "Call for Potentially Essential Patents", i.e. 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.
        - There were no responses to the call prior to the end of the session.
- Presented slide 17 thereby providing the following information:
    - 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.
- Showed IEEE SA Copyright Policy slides 18 and 19.
- Presented slides 20 through 22 reproducing the IEEE SA slides 1 through 3 approved by SASB in June 2019 regarding IEEE Codes of Ethics and Conduct, participation in the "individual process", and dominance, thereby conveying that:
    - Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct;
    - Participants in the IEEE-SA "individual process" shall act independently of others, including employers; and
    - IEEE-SA standards activities shall allow the fair & equitable consideration of all viewpoints.
- Made subgroup announcements (slide 23) thereby reminding subgroup Chairs of their obligation to:
    - Remind participant at the start of the first subgroup meeting that the meeting is subject to the policies in "MEETING INTRODUCTION" presentations made available beforehand (as announced in the opening plenary meeting) and, in the case of a Task Group (TG), to make the "Call for Potentially Essential Patents" and minute any responses to it;
    - After any recess, announce that the meeting remains subject to the policies as read and displayed in the opening plenary meeting; and

- o At meeting start and after any recess, ask participants to record attendance in IMAT and, if unable to do so, to promptly provide their affiliation to the minute taker.
- Reminded participants of the various plenary session registration fees applying and attendant registration details (slide 24), noting that fee waivers may be granted in advance, exceptionally and listing them (slide 25).
- Shared information about food and social logistics (slide 26).
- Provided general information regarding meeting contributions (requested to be uploaded 24 hours prior to presentation), minutes, schedule for all Working Groups, website (slide 27).
- Introduced 802.1 officers and leadership (slide 28) calling for a volunteer to step up as IEC/IEEE 60802 Joint Project Secretary.
- Reviewed the list of editors for current projects (slide 29).
- Discussed 802.1 WG Process (slide 30) including the "New work" process as previously introduced and leveraging Nendica towards vetting all new 802.1 work.
- Provided an update on current joint development procedures (slide 31) noting leadership is handling any current issues without updating the linked documentation.
- Reminded 82.1 voting members of their obligations regarding declaring affiliation(s) and employer(s) (slide 32), keeping affiliation and employer data updated (slide 33), electronic ballots (ePolls) conducted between sessions (slide 34), requesting and retaining voting membership (slide 35), and responding to WG ballot series (including ePolls) as well as regarding the consequences of not responding to WG ballot series (including ePolls) (slide 36).
- Reviewed the list of 802.1 voters (slide 37), including information about individuals who may gain (slides 38 and 39) or lose (slides 40 and 41) 802.1 voting membership.
- Reminded individual participants of 802.11 reciprocal credit (slide 42) and 802.3 reciprocal credit (slide 43) at this session.
- Had Stephan Kehrer, Executive Secretary, introduce information about:
    - o The May 2025 interim session (slide 44)
        - Christophe Mangin presented "May 2025 interim meeting update" https://www.ieee802.org/1/files/public/docs2025/admin-mangin-May2025-interim-update-0325-v01.pdf, suggesting to rebook any reservation made outside the provided booking channel. **Disposition:** For information.
    - o The Sep 2025 interim session (slide 45)
        - Lihao Chen presented "IEEE 802.1 September 2025 Interim Session Proposal" https://www.ieee802.org/1/files/public/docs2025/admin-chen-Sep2025-interim-proposal-0325-v01.pdf. **Discussion:** Various aspects of meeting in Munich were discussed. The Chair noted an intent for 802.1 to restart meeting four days instead of five, starting at the Sep 2025 interim session. Discussed was the possibility of starting the Sep 2025 interim session on Tuesday due to the 2025 TSN/A Conference being held the following week. **Disposition:** For information.
    - o The Sep 2026 interim session (slide 46)
- Had the Executive Secretary provide an overview of the schedule for future interim sessions (slide 47):
    - o May 2025
        - Hosted by Mitsubishi Electric R&D Centre Europe as in-person session with provisions to support mixed mode
            - Date: May 19-23, 2025

- Location: Rennes, France
  - o September 2025
    - ▪ Huawei offer to host
      - Date: Sep 15-19, 2025
      - Location: Munich, Germany
  - o January 2026
  - o May 2026
  - o September 2026
    - ▪ Option to co-locate with IEEE 802 Wireless Group
      - Date: Sep 13-18, 2026
      - Location: Waikoloa, HI, USA
- Provided an overview of the schedule for future plenary sessions (slide 48):
  - o July 27-August 4, 2025 – Madrid, Spain
    - ▪ Melia Castilla
  - o November 9-14, 2025 – Bangkok, Thailand
    - ▪ Marriot Marquis Queen's Park
  - o March 8-13, 2026 – Vancouver, BC, Canada
    - ▪ Hyatt Regency Vancouver
  - o July 13-18, 2026 – Montreal, QC, Canada
    - ▪ Le Centre Sheraton Montreal
  - o Nov 8-13, 2026 – Bangkok, Thailand
    - ▪ Marriot Marquis Queen's Park
  - o Mar 14-19, 2027 – Atlanta, GA, United States
    - ▪ Hilton Atlanta
  - o Jul 11-16, 2027 – Gothenburg, Sweden
    - ▪ Gothia Towers
  - o Nov 14-19, 2027 – Oahu, HI, USA
    - ▪ Hawaiian Village
- Showed the straw polls of slides 49-52 to be conducted later in this meeting.
- Previewed the straw polls regarding this plenary session to be conducted during the 802.1 closing plenary meeting (slide 53):
  1. Would you like to come back to this venue?
     - ▪ Yes -   No -   Did not respond -
  2. Did you go to the social?
     - ▪ Yes -   No -   Did not respond -
  3. Did you like the social?
     - ▪ Yes -   No -   Did not respond -
- Provided pointers to the LMSC schedule of EC/WG/TAG meetings to be held during this plenary session (slide 54).
- Reported the following items out of the 802 Executive Committee (EC) plenary session #138 (slide 55):
  - o Fee Waivers granted
  - o Acting recording secretary -Beth Kochuparambil
  - o PQC discussion in 802.11 WNG and may become a SG
  - o 802 history ad hoc (Tues noon)
  - o 802 rules update (Mon 7:45pm) (EC-25-35)
    - ▪ attendance in-person to gain voting rights, ICAID renewals, OS, associate positions
    - ▪ New –meeting times, student fees

- o Venues (EC-25-40)
    - March 2025 –979 attendees –with slightly more than half in-person
    - July schedule is one hour later
    - Finalizing contracts for venues into 2027
- o Treasurer (EC-24-273)
    - Reserves level review underway (currently at $1.6M). Meeting fees reduced in Nov
    - Nov plenary had a small surplus ($100k) –mostly drive by last minute registrations
- o Workshop actions (EC-24-308)
    - IEEE 802 scope, milestones
- Conducted the following straw polls (slides 49-52):
    - o If the 2025 September Interim Session is held at the Hilton Munich Airport in Munich, Germany, as a mixed-mode session, will you attend:
        - Attend In-person   - **16**
        - Attend Virtually (remotely)- **15**
        - Will not attend interim   - **12**
        - Did not respond   - **6 +**
    - o If the 2025 September Interim Session is held at the Hilton Düsseldorf in Düsseldorf, Germany, as a mixed-mode session, will you attend:
        - Attend In-person   - **27**
        - Attend Virtually (remotely)- **10**
        - Will not attend interim   - **6**
        - Did not respond   - **6**
    - o If the 2026 September Interim Session is held at the Hilton Waikoloa Village in Waikoloa, Hawaii, USA, as a mixed-mode session, will you attend:
        - Attend In-person   - **18**
        - Attend Virtually (remotely)- **11**
        - Will not attend interim   - **14**
        - Did not respond   - **6**
    - o If the September 2025 Interim [session] is held as a four-day meeting, which day would you prefer to drop from the meeting:
        - Monday, September 15, 2025?   - **20**
        - Friday, September 19, 2025?   - **20**
        - Did not vote   - **9**
- Introduced IEEE SA staff supporting IEEE 802 (slide 56):
    - o Jodi Haasz
        - IEEE 802 lead, supports dot01, dot03 and dot18 groups
        - Senior Manager, Operational Program Management
    - o Christy Bahn
        - supports dot11, dot15, dot19 and, dot24 groups
        - serving as 802 lead for the March and July Plenaries
        - Senior Program Manager, Operational Program Management
    - o Jennifer Santulli
        - shadow Jodi, provide support to 802.1 and 802.3
        - supporting 802.1 and 802.3 at the July Plenary
        - Senior Program Manager, Operational Program Management
    - o Sandra Maru
        - observe IEEE 802 Plenary
        - Program Coordinator, Operational Program Management

- o Josh Gay
  - Supports 802.3's IEEE SA Open Source Project
  - Senior Manager, SA Open Source Community & Infrastructure
- Available for editorial guidance questions via email
  - o Michelle Turner
    - 802 lead editorial support
    - Senior Manager, Content Production and Management
- Pointed to instructions to access IEEE 802 electronic media (slide 57).
  - o The issues with non-working search and text copy in IEEE Std 802.1Q are being addressed by IEEE SA staff.
- Provided IEEE 802 program status pointers (slide 58), mentioning the following notable items (slide 59):
  - o Active PARs (by Working Group):
    - IEEE 802.1 - 21
    - IEEE 802.3 - 6
    - IEEE 802.11 - 7
    - IEEE 802.15 - 10
    - IEEE 802.19 - 1
  - o Active Standards (by Working Group):
    - IEEE 802.1 - 36
    - IEEE 802.3 - 13
    - IEEE 802.11 - 3
    - IEEE 802.15 - 10
    - IEEE 802.19 - 2
- Provided information about public review (slide 60).
- Pointed out 802.1 PAR (slide 61) as well as 802.3, 802.11 and 802.15 PARs and CSDs (slide 62) that are up for vote or finalization during this IEEE 802 plenary session.
- Noted that a tutorial on using open source in IEEE standards is scheduled at this plenary session (slide 63).
- Had the Liaison Secretary present liaison resources (slide 64), the IEEE 802 liaison list (slide 65), the set of incoming liaisons to be handled by specific subgroups (slide 66) as well as the status of outgoing liaisons, either sent since the previous plenary session or to be completed (slide 67), and anticipated outgoing liaisons (slide 68).
- Summarized IETF coordination items (slide 69).
- Provided information about JTC1/SC6 coordination (slide 70), ITU coordination (slide 71) noting the tentative consent in March 2025 of ITU-T G.eth and the possibility for 802.1 standards to be similarly proposed by IEEE to be incorporated by reference, and meetings to be held with 802.15 during this plenary session (slide 72).
- Discussed promotion of the work of the WG (slide 73), inviting interested parties to notify the Chair should they wish to participate in the "soft launch" of a TSN Implementer mark.
  - o It was noted that abstracts can now be submitted for potential presentations at TSN/A Conference 2025.
- Discussed 802.1 public visibility messaging (slide 74).
- Reminded nominations are welcome for the IEEE Fellow program (slide 75) and the various types of IEEE Awards (slide 76) highlighting the various deadlines and encouraging nominations.
- Noted WG Chair Awards would be upcoming (slide 77).
- Provided the anticipation of next actions with respect to the projects in the WG's current workload (slide 78).
  - o The Chair clarified (with the LMSC Chair) that he has discretion to grant session

registration fee waivers to individuals wishing to defend their ballot comments.
- Reviewed the timeline for 802.1Q (slide 79) and 802.1AS (slide 80) revisions and amendments.
- Showed the 802.1 schedule for this plenary session that was subsequently updated per https://1.ieee802.org/march-2025-plenary-session-in-atlanta-ga-usa/, which was tacitly approved (slide 81).
- Listed 802.1 leadership and editors' meetings (slide 82).
- Requested that subgroup agendas be presented (slide 83):
  - The Chair presented the joint 802.1 & 802.15 meeting agenda on slide 84.
  - The Maintenance TG Chair presented the agenda on slides 85-86.
  - The Security TG Chair presented the agenda on slide 87.
    - 802.3 participants interested in automative applications were invited to attend related discussions in the Security TG.
  - The TSN TG Chair presented the agenda on slide 88.
  - The Nendica Vice Chair presented the Nendica report on slides 89-91.
  - The YANGsters Chair presented the agenda (slide 92), a list of ongoing YANG-related projects (slide 93), and called for any other YANGsters business (slide 94).
- Called for Any Other Business (slide 95).
  - The Chair updated slide 25 to add session registration fee waivers for Günter Steindel, Rodrigo Ferreira-Coehlo, Marius-Petru Stanica.
  - No other business was discussed in this meeting.

13:05 ET recess

4 802.1/802.15 Joint Meeting

Between this session and the Nov 2024 session, no 802.1/802.15 joint meetings were held.

See section 1 for 802.1 attendance and affiliation information and 802.15 session minutes for 802.15 attendance and affiliation information.

The minutes of the 802.1/802.15 joint meeting held Mar 11, 2025 are on pages 17-18 of "802.15 WG & CAC & WNG & Joint 1/15 Minutes March 2025" https://mentor.ieee.org/802.15/dcn/25/15-25-0191-00-0000-802-15-wg-cac-wng-joint-1-15-minutes-march-2025.docx.

5 Maintenance Task Group

Between this session and the preceding session, the IEEE 802.1 Maintenance Task Group (TG) held electronic meetings whose minutes are incorporated to these session minutes by reference as follows:
- Minutes of the Maintenance TG meeting held 2025-03-04 11:00 – 12:07 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;db8ecd8e.25&S=

See section 1 for attendance and affiliation information.

Call to order Mar 10, 2025 at 16:00 ET by Mark Hantel, IEEE 802.1 Maintenance TG Chair (Chair), who presided and wrote the minutes, assisted by Karen Randall, IEEE 802.1 Liaison Secretary.

Agenda items and dispositions:

1. Meeting introduction and other administrative items. The IEEE SA slides on IEEE SA Patent Policy, IEEE SA Copyright Policy, and Participation Behavior were provided beforehand as part of "MEETING INTRODUCTION" https://www.ieee802.org/1/files/public/templates/admin-TG-intro-0325-v01.pdf.
   The Chair showed this presentation advising that the following, provided beforehand, applies:
   - Participant behavior shall comply with the outlined requirements;
   - IEEE SA'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.
   - 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.

   The Chair made the Call for Potentially Essential Patents thereby providing 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: there were no responses to this Call prior to the end of the meeting.
   The Chair asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker.

2. Approval of agenda. The Chair presented the agenda in https://www.ieee802.org/1/files/public/docs2025/maint-Hantel-hy-0325-v01.pdf .
   Disposition: The agenda was reviewed, discussed, and agreed (informally, none dissenting) as presented.

3. Maintenance Project Status. Mick Seaman, P802.1Q-2022-Rev editor, gave a verbal update to P802.1Q-2022-Revision. The Chair gave a verbal update on P802.1AS-2020-Revision and P802.1CB-2017-Cor1. Marco Hernandez, P802.1ACea editor, gave a verbal update on P802.1ACea. The Chair gave a verbal update on P802.1AB-2016-Revision and P802.1AC-2016-Revision. The Chair gave a verbal update on P802.1CB-2017-Revision.
   Disposition: For Information.

4. Comment review on 802 PARs under consideration. 802.1 comments were prepared on the CSD for P802.3dp in "Comments on IEEE P802.3dp PAR & CSD" https://www.ieee802.org/1/files/public/docs2025/admin-PAR-CSD-comments-3dp-0325-v01.pdf, on the CSD for P802.1br in "Comments on IEEE P802.11br PAR & CSD" https://www.ieee802.org/1/files/public/docs2025/admin-PAR-CSD-comments-11br-0325-v01.pdf, and on the PAR for P802.15.4-2024 Corrigendum 1 in "Comments on IEEE P802.15.4/Cor 1 PAR" https://www.ieee802.org/1/files/public/docs2025/admin-PAR-comments-154Cor-0325-v01.pdf.
   Disposition: For Information.

5. IEEE 802.1 PARs under consideration. The Chair led a review on draft text for a revision to the approved PAR for IEEE 802.1AS-2020-Revision, and updated the draft based on comments from IEEE 802.11.

Disposition: Updated PAR: https://www.ieee802.org/1/files/public/docs2025/as-draft-PAR-0325-v02.pdf.

6. Liaison Report. Karen Randall, IEEE 802.1 Liaison Secretary, gave a verbal update on liaisons. New liaisons have been received from SC6, and ITU-T JCA. Proposed responses were reviewed in:

- https://www.ieee802.org/1/files/public/docs2025/liaison-SC6CommentResponseQdx-0325.pdf
- https://www.ieee802.org/1/files/public/docs2025/liaison-SC6CommentResponseASdm-0325.pdf
- https://www.ieee802.org/1/files/public/docs2025/liaison-SC6CommentResponseASdn-0325.pdf
- https://www.ieee802.org/1/files/public/docs2025/liaison-response-itu-t-JCA-IMT2020-0325.pdf

Disposition: For information.

7. Motions for the closing plenary meeting were reviewed.
Disposition: For information.

8. Outstanding Maintenance Items. The Chair led discussion on maintenance items 314, 363, 374, 379 and 378. Venkat Arunarthi presented "802.1CB-2017 Maintenance item #378" https://www.ieee802.org/1/files/public/docs2025/maint-arunarthi-CB-2017-item-378-0310-v02.pdf was given in support of maintenance item 378.
Disposition: The status of maintenance item 363 was updated. More discussion needed on maintenance items 314, 374, 379 and 378.

9. Any other business. No other business was discussed by the Maintenance TG in this meeting.

17:59 ET recess

Call to order Mar 11, 2025 at 8:00 ET by Mark Hantel, IEEE 802.1 Maintenance TG Chair (Chair), who presided and wrote the minutes, assisted by Karen Randall, IEEE 802.1 Liaison Secretary.

10. Comment Resolution on P802.1AS-2020-REV. Silvana Rodrigues, P802.1AS-2020-REV editor, led the resolution of comments received on https://www.ieee802.org/1/files/private/as-2020-rev-drafts/d1/802-1AS-2020-Rev-d1-0.pdf.
Disposition: Comments 71, 50, 54, 12, and 9 were resolved. Comment 100 was discussed.

11. Any other business. A draft liaison to IETF LSVR finalized as https://www.ieee802.org/1/files/public/docs2025/liaison-ietf-lsvr-0325-v01.pdf was discussed.
Disposition: For information.

10:13 ET recess

Call to order Mar 12, 2025 at 16:27 ET by Mark Hantel, IEEE 802.1 Maintenance TG Chair (Chair), who presided and wrote the minutes, assisted by Karen Randall, IEEE 802.1 Liaison Secretary.

12. Comment Resolution on P802.1AS-2020-REV. Silvana Rodrigues, P802.1AS-2020-REV editor, led the resolution of comments received on https://www.ieee802.org/1/files/private/as-2020-rev-drafts/d1/802-1AS-2020-Rev-d1-0.pdf.
Disposition: Comments 100, 49, 39, 40, 82 and 83 were resolved.

17:34 ET recess

Call to order Mar 13, 2025 at 8:00 ET by Mark Hantel, IEEE 802.1 Maintenance TG Chair (Chair), who presided and wrote the minutes, assisted by Karen Randall, IEEE 802.1 Liaison Secretary.

13. Comment Resolution on P802.1AS-2020-REV. Silvana Rodrigues, P802.1AS-2020-REV editor, led the resolution of comments received on https://www.ieee802.org/1/files/private/as-2020-rev-drafts/d1/802-1AS-2020-Rev-d1-0.pdf. **Disposition:** Comments 61, 62, 1, 6, 92, 34, 73, 76, 37, 38, 93, 13, 41, 42, 51, 2, 94, 16, 95, 96, 97 were resolved. Comments 46 and 75 were discussed.

14. Review of outstanding maintenance items and next steps. The Chair led the review of:
    - Maintenance item 363. Christian Boiger presented "Maintenance Request 363 Maximum SDU Size Filter" https://www.ieee802.org/1/files/public/docs2025/qrev-boiger-maintenance-item-363-max-sdu-size-filter-0325-v02.pdf.
    - Maintenance item 378.
    Disposition: For information.

15. Comment Resolution on P802.1CB-2017/Cor1. Christophe Mangin, P802.1CB-2017/Cor 1 editor, led the resolution of comments received on https://www.ieee802.org/1/files/private/cb-cor-1-drafts/d0/802-1CB-2017-Cor1-d0-1.pdf. **Disposition:** Comments 1, 2, 5, 6, 7, 17, 4, 8, 11, 12, 14, 10, 13, 16, 3, and 9 were resolved. Final disposition: https://www.ieee802.org/1/files/private/cb-cor-1-drafts/d0/802-1CB-2017-Cor1-d0-1-dis-v01.pdf.

16. Any other business. The liaison to ITU-T JCA was reviewed. No other business was discussed by the Maintenance TG in this meeting.

11:25 ET adjournment

6 Security Task Group

Between this session and the preceding session, the IEEE 802.1 Security Task Group (Security TG) did not hold electronic meetings.

See section 1 for attendance and affiliation information.

Call to order Wednesday Mar 12, 2025 at 10:30 ET by Mick Seaman, IEEE 802.1 Security TG Chair, who presided and wrote the minutes assisted by Karen Randall, IEEE 802.1 Security TG Vice-Chair.

Agenda items and dispositions:
1. Meeting introduction. The IEEE SA slides on IEEE SA Patent Policy, IEEE SA Copyright Policy, and Participation Behavior were provided beforehand as part of "MEETING INTRODUCTION" https://www.ieee802.org/1/files/public/templates/admin-TG-intro-0325-v01.pdf.
   The Security TG Chair announced that the meeting is subject to these Policies as read and displayed at the opening plenary meeting.
   The Security TG Chair made the Calls for Potentially Essential Patents thereby providing 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: there were no responses to these Calls prior to the end of the session.
   The Security TG Chair asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker.

2. Approval of agenda. The Security TG Chair presented the agenda in
   https://1.ieee802.org/march-2025-plenary-session-security-tg-agenda/.
   Disposition: The agenda was reviewed, discussed and updated as recorded by these
   minutes.

3. MACsec and MKA for automotive applications. Lars Voelker presented "Automotive
   Requirements for MKA" https://www.ieee802.org/1/files/public/docs2025/x-voelker-mka-
   requirements-automotive-0325-v01.pdf.
   Mick Seaman presented "MKA optimization for group CAs - MACsec Key Agreement
   (MKA): Existing procedures and possibilities for large groups and fast startup"
   https://www.ieee802.org/1/files/public/docs2025/x-seaman-mka-optimize-ppt-0305-
   v01.pdf.
   Discussion:
   - If there was further interest or questions from participants focused on automotive
     applications of MACsec, electronic meetings (Webex) of the Security Task Group
     can be organized (as per usual standing arrangements) with 10 days notice
     (subject to satisfactory indication of participation).
   - Further discussion could focus on either or both of (a) strategies, largely under Key
     Server control, to ease fast startup or (b) amendment to 802.1AE to add
     capabilities. If additional 802.1AE capabilities do not conflict with existing use and
     were clearly thought out in advance, there is no reason why a standards project
     should be protracted.
   Disposition: For further discussion.

12:25 – 13:30 ET recess

4. IEC TC57/WG15 MACsec profile collaboration. Maik Seewald presented "IEC 62351:
   Security for Grid Automation and Control Protocols"
   https://www.ieee802.org/1/files/public/docs2025/x-seewald-iec62351-0325-v01.pdf.
   Discussion:
   - TC57 has an approved work item to address profiles for Ethernet security including
     MACsec
   - Timeliness of control was down to the phase level.
   - Potential use of an Ascon Cipher Suite for MACsec noted.
   Disposition: For further discussion.

5. P802.1Qdt Priority-based Flow Control Enhancements. Work on P802.1Qdt is temporarily
   paused, awaiting resolution of DCBX related issues.
   Disposition: DCBX issues scheduled for discussion in the TSN TG meeting, Thursday
   Mar 13, 2025.

6. IETF BOFs and drafts of potential interest. The Security TG Chair drew the attention of the
   meeting to recent and ongoing work in the IETF.
   6.1 MKA over IP
      https://www.ietf.org/archive/id/draft-hb-intarea-eap-mka-00.html
      Discussion:
      - Draft notes the Post-Quantum Cryptography (PQC) applicability of MKA
      - Potential distribution of symmetric shared keys over IP
      - Suggests minimal change to MKA beyond carrying over IP
      - Applicable to protocols beyond MACsec, e.g. for MPLS encryption
   6.2 SKEX Symmetric Key Establishment and Exchange (BOF)
      bofreq-aelmans-skex-symmetric-key-establishment-and-exchange-06
      Discussion:
      - Potential framework for secure exchange of symmetric keys
      - An architecture for deployment of supporting network components

6.3 Network Attestation for Secure Routing (NASR) (BOF)
https://datatracker.ietf.org/doc/bofreq-liu-nasr/
7. Any Other Business. No other business at this meeting.
8. Review of Security TG Motions/Liaisons for Closing Plenary
Disposition: None others required, apart from addition to the general list of permissions to hold electronic meetings prior to the next plenary session (with 10 days notice to the 802.1 minutes email list, as usual).
9. Future meetings/teleconferences. The Security Task Group will meet, May 21, 2025 during the 802.1 May 2025 interim session in Rennes, France. An additional electronic meeting may be held prior to that in-person meeting, subject to the 10-day notice requirement and indication of adequate participation.

14:48 ET adjournment

7 Time-Sensitive Networking Task Group

Between this session and the preceding session, the IEEE 802.1 Time-Sensitive Networking (TSN) Task Group (TG) held electronic meetings on generic TSN topics whose minutes are incorporated to these session minutes by reference as follows:
- Minutes of the TSN TG meeting held 2025-02-10, 09:00 – 13:00 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;20edd39a.25&S=
- Minutes of the TSN TG meeting held 2025-02-12, 10:00 – 12:00 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;70759839.25&S=
- Minutes of the TSN TG meeting held 2025-02-27, 09:00 – 11:00 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;5ed41b32.25&S=
- Minutes of the TSN TG meeting held 2025-03-03, 11:00 – 13:00 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;131519ba.25&S=

Between this session and the preceding session, the IEEE 802.1 TSN TG held electronic meetings on P802.1DG whose minutes are incorporated to these session minutes by reference as follows:
- Minutes of the IEEE P802.1DG meeting held 2025-02-25 9:00 - 11:00 AM ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;91f9dc18.25&S=

Between this session and the preceding session, the IEEE P802.1DP/SAE AS 6675 joint project held electronic meetings whose minutes are incorporated to these session minutes by reference as follows:
- Minutes of the IEEE P802.1DP/SAE AS6675 meeting held 2025-02-19 10:01 – 12:08 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;62b64b9b.25&S=
- Minutes of the IEEE P802.1DP/SAE AS6675 meeting held 2025-02-26 10:01 – 12:01 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;b9b37b2b.25&S=
- Minutes of the IEEE P802.1DP/SAE AS6675 meeting held 2025-03-05 10:01 – 12:01 ET (revised) https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;ae01eaa1.25&S=

See section 1 for attendance and affiliation information.

Minutes of the IEC/IEEE 60802 Joint Project meetings are in section 7.1.

Call to order Mar 10, 2025 at 8:00 ET by János Farkas, IEEE 802.1 TSN TG Chair (Chair), who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the minutes.

Agenda items and dispositions:

1. Meeting introduction. The IEEE SA slides on IEEE SA Patent Policy, IEEE SA Copyright Policy, and Participation Behavior ("Policies") were provided beforehand as part of "MEETING INTRODUCTION" https://www.ieee802.org/1/files/public/templates/admin-TG-intro-0325-v01.pdf.

   The Chair showed this presentation advising that the following, provided beforehand, applies:

   - Participant behavior shall comply with the outlined requirements;
   - IEEE SA'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.
   - 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.

   The Chair made the Calls for Potentially Essential Patents at the beginning of each TG meeting during this session thereby providing 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: there were no responses to these Calls prior to the end of the session.

   The Chair asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the Secretary.

2. Approval of agenda. The Chair presented the agenda https://1.ieee802.org/2025-03-plenary-tsn-agenda/.
   Disposition: The agenda was reviewed, discussed and agreed (informally, none dissenting) as presented.

3. Max Turner, P802.1DG editor, presented "Editor's Report: IEEE P802.1DG" https://www.ieee802.org/1/files/public/docs2025/dg-Turner-EditorsReport-0325-v01.pdf and led the resolution of comments received on https://www.ieee802.org/1/files/private/dg-drafts/d4/802-1DG-d4-2.pdf.
   Disposition: Final disposition: https://www.ieee802.org/1/files/private/dg-drafts/d4/802-1DG-d4-3-dis-v01.pdf.

4. Abdul Jabbar, P802.1ASed editor, presented "P802.1ASed Editor's Report" https://www.ieee802.org/1/files/public/docs2025/ed-jabbar-d2-0-wg-ballot-editors-report-0325-v08.pdf and led the resolution of comments received on https://www.ieee802.org/1/files/private/ased-drafts/d2/802-1ASed-d2-0.pdf.
   Disposition: Final disposition: https://www.ieee802.org/1/files/private/ased-drafts/d2/802-1ASed-d2-0-dis-v01.pdf.

5. Steve Haddock, P802.1AXdz editor, presented "802.1AXdz YANG for Link Aggregation: Editor's Report: March 2025" https://www.ieee802.org/1/files/public/docs2025/dz-haddock-

editors-report-0325-v1.pdf and led the resolution of comments received on
https://www.ieee802.org/1/files/private/axdz-drafts/d1/802-1AXdz-d1-1.pdf.
Disposition: Further comment resolution needed. See agenda item 16.

10:00 ET recess

Call to order Mar 10, 2025 at 13:45 ET by János Farkas, IEEE 802.1 TSN TG Chair (Chair),
who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the
minutes.

6. The Chair announced that this meeting remains subject to the Policies mentioned in
    agenda item 1 and asked participants to record their attendance in IMAT and, if they are
    unable to do so, to promptly provide their affiliation to the Secretary.
7. The Chair presented incoming liaison and communication:
    - "TIACC Update on the Common Test Specification for IEC/IEEE 60802"
      https://www.ieee802.org/1/files/public/docs2025/liaison-TIACC-
      CommonTestSpecUpdate-0325.pdf.
    - "Access to IEEE 802.1 Drafts"
      https://www.ieee802.org/1/files/public/docs2025/liaison-LNI40-access-to-drafts-
      0325.pdf.
    Disposition: Presentation discussed. Further discussion needed.
8. János Farkas presented "János Farkas' Expectations on Some TSN Developments In
    2025" https://www.ieee802.org/1/files/public/docs2025/admin-farkas-some-expectations-
    on-TSN-for-2025-0325-v01.pdf.
    Disposition: Presentation discussed. Further discussion needed.
9. János Farkas presented "János Farkas' Views on Some Potential New Projects for TSN"
    https://www.ieee802.org/1/files/public/docs2025/new-farkas-views-on-some-new-projects-
    for-TSN-0325-v02.pdf.
    Disposition: Presentation discussed. Further discussion needed.
10. János Farkas presented "Control Plane Extensions for Wireless-Aware Traffic Engineering"
    https://www.ieee802.org/1/files/public/docs2025/new-farkas-control-plane-extensions-for-
    wireless-aware-TE-0325-v03.pdf.
    Disposition: Presentation discussed. Further discussion needed.
11. János Farkas presented "Some Considerations on Multiple Configuration Domains"
    https://www.ieee802.org/1/files/public/docs2025/new-farkas-multiple-configuration-
    domains-0325-v01.pdf.
    Disposition: Presentation discussed. Further discussion needed.
12. Lihao Chen presented "Individual contribution"
    https://www.ieee802.org/1/files/public/docs2025/dw-chen-individual-text-0325-v03.pdf and
    "P802.1Qdw current text status & to-dos"
    https://www.ieee802.org/1/files/public/docs2025/dw-chen-text-status-and-todos.pdf.
    Disposition: Presentations discussed. Further discussion needed.

15:30 ET recess

Call to order Mar 11, 2025 at 13:30 ET by János Farkas, IEEE 802.1 TSN TG Chair (Chair),
who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the
minutes.

13. The Chair announced that this meeting remains subject to the Policies mentioned in
    agenda item 1 and asked participants to record their attendance in IMAT and, if they are
    unable to do so, to promptly provide their affiliation to the Secretary.

14. Abdul Jabbar, P802.1DP/SAE 6675 editor, presented "IEEE P802.1DP/SAE AS6675 Editor's Update" https://www.ieee802.org/1/files/public/docs2025/dp-jabbar-editors-update-0325-v01.pdf.
    Disposition: Presentation discussed.

15. Abdul Jabbar, P802.1DP/SAE 6675 editor, led the resolution of comments received on https://www.ieee802.org/1/files/private/dp-drafts/d3/802-1DP-d3-0.pdf.
    Disposition: Final disposition: https://www.ieee802.org/1/files/private/dp-drafts/d3/802-1DP-d3-0-dis-v01.pdf.

16. Steve Haddock, P802.1AXdz editor, continued the resolution of comments received on https://www.ieee802.org/1/files/private/axdz-drafts/d1/802-1AXdz-d1-1.pdf and presented an editor's report https://www.ieee802.org/1/files/public/docs2025/dz-haddock-editors-report-0325-v1.pdf.
    Disposition: Final disposition: https://www.ieee802.org/1/files/private/axdz-drafts/d1/802-1AXdz-d1-1-dis-v02.pdf.

17. Martin Mittelberger, P802.1DD editor, presented https://www.ieee802.org/1/files/private/dd-drafts/d1/802-1DD-d1-1-scrambled.pdf.
    Disposition: Presentation discussed.

18. Martin Mittelberger presented "802.1DD RAP – Reasons for Current Architecture" https://www.ieee802.org/1/files/public/docs2025/dd-mittelberger-archictecture-0325-v01.pdf,
    Disposition: Presentation discussed. Further discussion needed.

19. The Chair led the drafting of a response to the incoming liaison "Access to IEEE 802.1 Drafts" https://www.ieee802.org/1/files/public/docs2025/liaison-LNI40-access-to-drafts-0325.pdf from Lab Networks Industry 4.0.
    Disposition: Liaison response finalized as:
    https://www.ieee802.org/1/files/public/docs2025/liaison-response-LNI40-access-to-drafts-0325.pdf.

15:30 ET recess

Call to order Mar 13, 2025 at 11:30 ET by János Farkas, IEEE 802.1 TSN TG Chair (Chair), who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the minutes.

20. The Chair announced that this meeting remains subject to the Policies mentioned in agenda item 1 and asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the Secretary.

21. Lily Lv and Mick Seaman presented "DCBX History Analysis" https://www.ieee802.org/1/files/public/docs2025/maint-lv-DCBX-history-0325-v01.pdf.
    Disposition: Presentation discussed. Further discussion needed.

12:30 ET adjournment

7.1   IEC/IEEE 60802 Joint Project

Between this session and the preceding session, the IEC/IEEE 60802 Joint Project held electronic meetings whose minutes are incorporated to these session minutes by reference as follows:
- Minutes of the IEC/IEEE 60802 Joint Project meeting held 2024-12-02 9:00 - 11:00 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;3ada018e.ex
- Minutes of the IEC/IEEE 60802 Joint Project meeting held 2024-12-09 9:00 - 11:00 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;2babcb30.ex

- Minutes of the IEC/IEEE 60802 Joint Project meeting held 2024-12-13 9:00 - 11:00 ET
  https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;4b5cb174.ex
- Minutes of the IEC/IEEE 60802 Joint Project meeting held 2024-12-16 9:00 - 11:00 ET
  https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;4defc598.ex
- Minutes of the IEC/IEEE 60802 Joint Project meeting held 2024-12-20 9:00 - 11:00 ET
  https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;51131389.ex
- Minutes of the IEC/IEEE 60802 Joint Project meeting held 2025-01-10 9:00 - 11:00 ET
  https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;8d1dcc20.ex
- Minutes of the IEC/IEEE 60802 Joint Project meeting held 2025-01-13 9:00 - 11:00 ET
  https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;dc764d10.ex
- Minutes of the IEC/IEEE 60802 Joint Project meeting held 2025-01-17 9:00 - 11:00 ET
  https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;fba69e46.ex
- Minutes of the IEC/IEEE 60802 Joint Project meeting held 2025-02-03 9:00 - 11:00 ET
  https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;f5d951d7.ex
- Minutes of the IEC/IEEE 60802 Joint Project meeting held 2025-02-14 9:00 - 11:00 ET
  https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;761de60b.ex

See section 1 for attendance and affiliation information.

Call to order Mar 11, 2025 at 10:30 ET by Dieter Proell, IEC 65C/WG18 Convenor and IEC/IEEE 60802 Joint Project Chair (60802 Chair), who presided together with János Farkas, IEEE 802.1 TSN TG Chair (TSN TG Chair). The 60802 Chair wrote the minutes.

Agenda items and dispositions:

1. Meeting introduction and other administrative items. The IEEE SA slides on IEEE SA Patent Policy, IEEE SA Copyright Policy, and Participant Behavior ("Policies") were provided beforehand as part of "MEETING INTRODUCTION" https://www.ieee802.org/1/files/public/templates/admin-TG-intro-0325-v01.pdf.
   The 60802 Chair announced that the meeting is subject to these Policies as read and displayed at the opening plenary meeting.
   The 60802 Chair made the Call for Potentially Essential Patents thereby providing 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: there were no responses to this Call prior to the end of the session.
   The 60802 Chair explained that the IEC/IEEE 60802 Joint Project also follows the IEC patent and copyright policies, https://www.iec.ch/news-resources/reference-material#policy.
   The 60802 Chair asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker.
2. Approval of agenda. The 60802 Chair presented the agenda in https://1.ieee802.org/2025-03-plenary-tsn-agenda/.
   Disposition: The agenda was reviewed, discussed, and updated as recorded by these minutes.
3. Editor's update. Jordon Woods, IEC/IEEE 60802 Joint Project Editor (60802 Editor), presented "Editor's Report 60802 Draft 3.1" https://www.ieee802.org/1/files/public/docs2025/60802-woods-D3-1-update-03-25-v01.pdf.
   Disposition: For information.
4. In support of ballot comment. Alon Regev presented "Effects of delays between the transmission selection point and the on-the-wire timing point" https://www.ieee802.org/1/files/public/docs2025/60802-regev-delays-transmission-selection-point-and-on-the-wire-timing-point-0325-v02.pdf.

Disposition: Presentation discussed.

5. 60802/D3.1 SA recirculation ballot comment resolution. The 60802 Editor led the resolution of comments received on https://www.ieee802.org/1/files/private/60802-drafts/d3/60802-d3-1.pdf.
    Disposition: Ballot comments R1-56, R1-75, R1-77, R1-49, R1-101, R1-78, R1-79, R1-80, R1-81, R1-82, R1-52, R1-102, R1-83, R1-76, R1-53, R1-54, R1-55, R1-73, R1-58, R1-59, R1-60, R1-61, R1-91, R1-89, R1-39, R1-37, R1-40 were resolved.

15:30 ET recess

Call to order Mar 12, 2025 at 10:30 ET by Dieter Proell, IEC 65C/WG18 Convenor and IEC/IEEE 60802 Joint Project Chair (60802 Chair), who presided together with János Farkas, IEEE 802.1 TSN TG Chair (TSN TG Chair). The 60802 Chair wrote the minutes.

6. Responding to comments received on P802.1AS-2020-Rev PAR. Mark Hantel, IEEE 802.1 Maintenance TG Chair, presented https://www.ieee802.org/1/files/public/docs2025/as-PAR-0325-v01.pdf.
    Disposition: Presentations discussed.
7. 60802/D3.1 SA recirculation ballot comment resolution. The 60802 Editor led the resolution of comments received on https://www.ieee802.org/1/files/private/60802-drafts/d3/60802-d3-1.pdf.
    Disposition: Ballot comments R1-38, R1-44, R1-41, R1-42, R1-43, R1-45, R1-46, R1-99, R1-100, R1-48, R1-51, R1-50, R1-93, R1-92, R1-94, R1-62, R1-103, R1-104, R1-113, R1-107 were resolved.

12:30 – 13:30 ET recess

8. JASPAR LS: VLAN use case for in-vehicle network. Takumi Nomura and Yoshihiro Ito presented "VLAN use case for in vehicle network" https://www.ieee802.org/1/files/public/docs2025/liaison-JASPAR-gPTP-VLAN-issue-0325-v01.pdf.
    Disposition: Presentation discussed as a liaison and as a follow up to presentation at the 802.1 Nov 2024 plenary session, also as a liaison, of "Towards a Solution to the VLAN Issue of gPTP" https://www.ieee802.org/1/files/public/docs2024/dg-Nomura-JASPAR-gPTP-VLAN-issue-1124-v03.pdf.
9. 60802/D3.1 SA recirculation ballot comment resolution. The 60802 Editor led the resolution of comments received on https://www.ieee802.org/1/files/private/60802-drafts/d3/60802-d3-1.pdf.
    Disposition: Ballot comments R1-107, R1-108, R1-95, R1-109, R1-111, R1-112, R1-63, R1-64, R1-86, R1-87, R1-33, R1-34, R1-35, R1-36, R1-84, R1-85, R1-69, R1-88, R1-47, R1-105, R1-70, R1-65, R1-115, R1-97, R1-116, R1-98, R1-90, R1-117, R1-57, R1-96, R1-2, R1-110 were resolved.

15:30 – 16:00 ET recess

10. 60802/D3.1 SA recirculation ballot comment resolution. The 60802 Editor led the resolution of comments received on https://www.ieee802.org/1/files/private/60802-drafts/d3/60802-d3-1.pdf.
    Disposition: Ballot comments R1-106, R1-66, R1-67 were resolved.

16:20 ET recess

Call to order Mar 14, 2025 at 08:00 ET by Dieter Proell, IEC 65C/WG18 Convenor and IEC/IEEE 60802 Joint Project Chair (60802 Chair), who presided together with János Farkas, IEEE 802.1 TSN TG Chair (TSN TG Chair). The 60802 Chair wrote the minutes.

11. In support of ballot comment. David McCall presented "Endpoint Filter & dTE Normative Requirements" https://www.ieee802.org/1/files/public/docs2025/60802-McCall-Endpoint-Filter-dTE-Normative-Requirements.pdf.
    Disposition: Presentation discussed.
12. 60802/D3.1 SA recirculation ballot comment resolution. The 60802 Editor led the resolution of comments received on https://www.ieee802.org/1/files/private/60802-drafts/d3/60802-d3-1.pdf.
    Disposition: Ballot comments R1-114, R1-1, R1-71, R1-72, R1-96 were resolved. Final disposition: https://www.ieee802.org/1/files/private/60802-drafts/d3/60802-d3-1-dis-v01.pdf.
13. Electronic calls in March and April. The 60802 Chair proposed to cancel the meetings initially scheduled 09:00 - 11:00 ET on Mondays Mar 17, 24, 31, 2025 and Apr 7, 14, 21, 2025 based on anticipated attendance.
    Disposition: Agreed (informally, none dissenting) to cancel these meetings.

9:00 ET adjournment

8 Nendica

Between this session and the preceding session, the IEEE 802 "Network Enhancements for the Next Decade" Industry Connections Activity (Nendica) held electronic meetings whose minutes are incorporated to these session minutes by reference as follows:

- Minutes of the Nendica meeting held 2023-03-06 09:00-11:00 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;f088a2bd.25

See section 1 for attendance and affiliation information.

Call to order Mar 12, 2025 8:00 ET by Roger Marks, Nendica Chair ("Chair"), who presided and wrote the minutes and who introduced Nendica Vice Chair Johannes Specht.

Agenda items and dispositions:
1. Meeting introduction and other administrative items. The IEEE SA slides on IEEE SA Patent Policy, IEEE SA Copyright Policy, and Participant Behavior ("Policies") were provided beforehand as part of "MEETING INTRODUCTION" https://www.ieee802.org/1/files/public/templates/admin-prePAR-intro-0325-v01.pdf. The Chair showed this presentation, noting that it had recently been updated and advising that the following applies:
   - Participant behavior shall comply with the outlined requirements;
   - 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 the Nendica meeting, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy.
   The Chair asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker.

2. Agenda review. The Chair presented the agenda at https://1.ieee802.org/802-nendica-agenda-2025-03-12/ and noted the Mentor server document list.
   Disposition: The agenda was reviewed and agreed (informally, none dissenting) as presented.
3. Minutes. The Chair reviewed the draft "Minutes of the Nendica meeting held 2025-03-06 09:00-11:00 ET" https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;f088a2bd.25.
   Disposition: The minutes were agreed (informally, none dissenting).
4. 802.3 NEA Update. John D'Ambrosia presented "Overview–IEEE 802.3 NEA "802.3 Ethernet for AI" Assessment" (Rev 0) https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2025&is_dcn=0004, with an emphasis on its intention to assess Layer 1 requirements.
   Discussion: Topics included technical issues, including establishment of specific Layer 1 latency requirements and related issues such as the implications on competing requirements such as resilience. Participants also discussed possible interactions with industry activities called out in the presentation.
   Disposition: For information.
5. Study Items. Lily Lyu presented "AICN Status" (Rev 2) https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2025&is_dcn=0003, as her co-author, Jieyu Li, was unable to present due to technical difficulties with the on-site facilities.
   Discussion: Some technical discussion followed. Participants also discussed possible interactions with the 802.3 Working Group (and its NEA) and with industry consortia, including intentions to gather further industry input on requirements.
   Disposition: Further discussion needed.
6. Vetting and New Topics. No discussion.
7. Next meeting. It was agreed (informally, none dissenting) to continue the schedule of meetings on a biweekly basis. Nendica intends to meet next electronically on Apr 3, 2025 9:00 - 11:00 ET. Announcement of the draft agenda https://1.ieee802.org/802-nendica-agenda-2025-04-03/ is anticipated by five days beforehand.
8. Other Business. The Chair thanked the contributors and participants. No other business was discussed by Nendica in this meeting.

9:53 ET adjournment

9 YANGsters

Between this session and the preceding session, YANGsters held electronic meetings whose minutes are incorporated to these session minutes by reference as follows:
- Minutes of the YANGsters meeting held 2025-01-28 10:03 –10:35 ET
  https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;8f1c4f00.25&S=
- Minutes of the YANGsters meeting held 2025-02-11 10:00 –11:11 ET
  https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;79ad02b.25&S=
- Minutes of the YANGsters meeting held 2025-02-25 10:01 –10:28 ET
  https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;eb041fa9.25&S=

See section 1 for attendance and affiliation information.

Call to order Mar 11, 2025, at 16:00 ET by Stephan Kehrer, YANGsters Vice-Chair, acting locally for remote Scott Mansfield, YANGsters Chair, who presided. Stephan Kehrer, YANGsters Secretary, wrote the minutes.

Agenda items and dispositions:

1. Meeting introduction. The IEEE SA slides on IEEE SA Patent Policy, IEEE SA Copyright Policy, and Participant Behavior ("Policies") were provided beforehand as part of "MEETING INTRODUCTION" https://www.ieee802.org/1/files/public/templates/admin-prePAR-intro-0325-v01.pdf.
   The YANGsters Vice Chair showed this presentation advising that the following, provided beforehand, applies:
   - Participant behavior shall comply with the outlined requirements;
   - 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.
   The YANGsters Vice Chair asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker.

2. Approval of agenda. The YANGsters Chair presented the agenda in https://1.ieee802.org/march-2025-plenary-session-yangsters-agenda/.
   Disposition: The agenda was reviewed, discussed, and agreed (informally, none dissenting) as presented.

3. Introduction to YANGsters. The YANGsters Chair presented the "Introduction" slide of "YANGsters" https://www.ieee802.org/1/files/public/docs2025/yangsters-smansfield-atlanta-status-0325-v01.pdf to introduce the following:
   - https://1.ieee802.org/yangsters/, and
   - https://1.ieee802.org/yangsters/yangsters-guidelines/yangsters-faq/.
   Disposition: For information.

4. Status. The YANGsters Chair presented slide 4 of the presentation in agenda item 3.
   - The table on the "YANG Status" slide provides an overview of all currently open IEEE 802.1 projects that contain or are expected to contain YANG.
   Disposition: For information.

5. Liaisons. The YANGsters Chair presented the topic and led the discussion.
   - There is an ongoing liaison exchange between ITU-T study group 13 and IEEE 802.1 on the topic of deterministic networking.
   - Further discussion between the groups on the topic is expected.
   Disposition: For information.

6. IEEE 802.3 YANG Update. The YANGsters Chair provided an overview of the topic.
   - Information on the ongoing YANG work in IEEE 802.3 can be found in "IEEE P802.3.2a Task Force Opening Report" https://www.ieee802.org/3/minutes/mar25/802d3_task_force_802.3.2_opening.pdf.
   - P802.3.2a is currently in SA recirculation ballot.
   - No additional activity is expected during the IEEE 802 March 2025 plenary session.
   Disposition: For information.

7. Request for Next Calls. Intersession YANGsters electronic meetings would be held every other week, starting Tuesday, Mar 25, 2025, tentative on 802.1 approval during the 802.1 closing plenary meeting.

- YANGsters participants are encouraged to contact the YANGsters Chair and YANGsters Vice Chair with topics for future YANGsters electronic meetings.
8. Any Other Business.
   - The benefits of potentially using the IEEE Open Source project for the development of the YANG modules in IEEE 802.1 standards were discussed.
   - One benefit of moving the YANG modules from the standards projects to the IEEE Open Source process would be that changes to the YANG after publication, e.g., to address errors, could be done using a more lightweight process.
   - It was pointed out that this only would be possible for a certain class of issues but might not be applicable for others, especially in cases where the YANG module and the required changes are tightly coupled to the content of a standards document.

   Disposition: More discussion needed.

16:52 ET adjournment

10 Closing Plenary Meeting

Call to order Mar 13, 2025 at 13:30 ET by the Chair who presided. The Recording Secretary wrote the minutes.

See section 1 for attendance and affiliation information.

The Chair presented "Closing Plenary March 2025" finalized as https://www.ieee802.org/1/files/public/minutes/2025-03-closing-plenary-slides.pdf.

During this presentation, the Chair:
- Introduced the agenda on slide 2 that was approved.
- Reminded all participants that access to this session requires a registration fee (slide 3).
- Reviewed mixed mode guidelines (slides 4 and 5), audio guidelines for in-person attendees (slide 6), web conferencing guidelines supporting mixed mode (slide 7), meeting decorum including the policies on public reporting, and on photography or recording (slide 8), and called for any members of the press (i.e., anyone reporting publicly on this meeting) who have not already announced themselves to announce their presence.
  - There were no responses to the call.
- Asked participants to record attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker (slide 9).
- Reminded the Working Group of the logistics orientation information available https://1.ieee802.org/orientation/ and of the possibility to practice the web-based voting tool to be used for straw polls and for motions at the 802.1 closing plenary meeting (slide 10).
- Announced that this closing plenary meeting remains subject to the IEEE SA Patent Policy (slides 11 to 16), IEEE SA Copyright Policies (slides 17 to 19) and IEEE SA Participation policies (slides 20 to 22) made available beforehand (as announced in the opening plenary meeting—see section 3) and noted related subgroup announcements (slide 23).
- Reminded participants of the various plenary session registration fees applying and attendant registration details (slide 24).
- Provided general information regarding meeting contributions, minutes, schedule for all

Working Groups, website (slide 25).
- Showed the list of 802.1 officers and leadership (slide 26), noting that the role of IEC/IEEE 60802 Joint Project Secretary is still vacant.
- Recognized the editors of current projects (slide 27), noting the two for which new editors may be authorized at this meeting.
- Reminded 802.1 participants and voting members of obligations regarding 802.1 voting membership and how voting membership may be requested and retained (slide 28).
- Reminded 802.1 voting members of their obligations regarding responding to WG letter ballot series (WG ballots + ePolls) as well as regarding the consequences of not responding to WG letter ballot series (slide 29).
- Reviewed the list of 802.1 voting members (slide 30), including information about individuals who may gain (slides 31 and 32), could lose (slide 33), or will lose (slide 34) 802.1 voting membership.
- Reminded individual participants of 802.11 reciprocal credit (slide 35), and of 802.3 reciprocal credit (slide 36), both of which were continued at this session.
- Had the 802.1 Executive Secretary summarize information about the May 2025 (slide 37), Sep 2025 (slide 38), Jan 2026 (slide 39), and Sep 2026 (slide 40) interim sessions.
    - Prospective attendees of the May 2025 session were encouraged to use the hotel reservation channel provided in "May 2025 interim meeting update" https://www.ieee802.org/1/files/public/docs2025/admin-mangin-May2025-interim-update-0325-v01.pdf.
    - Lihao Chen presented "IEEE 802.1 September 2025 Interim Session Proposal Düsseldorf, Germany Tuesday Sep. 16th – Friday Sep. 19th" https://www.ieee802.org/1/files/public/docs2025/admin-chen-Sep2025-interim-proposal-0325-v02.pdf.
      Disposition: For information. The starting day of Tuesday instead of the usual Monday was highlighted.
    - The Chair presented "IEEE January 2026 Interim Proposal" https://www.ieee802.org/3/minutes/mar25/0325_Dell_0126_proposal_to_host.pdf.
      Disposition: For information. Mixed mode availability likely, but to be confirmed.
- Had the 802.1 Executive Secretary summarize the schedule for future interim (slide 41) and plenary (slide 42) sessions, which remained unchanged from the opening plenary meeting except for Sep 2025 as previously presented.
    - The possibility of a venue in Osaka, Japan is being investigated for May 2026.
    - The possibility of a joint workshop with IETF to be held in the afternoon of Saturday Jul 26, 2026 and at the same venue as the Jul 2026 venue for the IEEE 802 plenary session is being investigated. At that session, meetings are scheduled to start an hour later than usual.
    - Starting July 2026, IEEE 802.1 sessions would start Monday and end Thursday.
- Conducted the following straw polls (slide 43):
    - 1. Would you like to come back to this venue (hotel)?
        - Yes **16**
        - No **18**
        - Did not respond **8**
    - 2. Did you go to the social?
        - Yes **23**
        - No **10**
        - Did not respond **9**

- o 3. Did you like the social?
  - ▪ Yes **20**
  - ▪ No **4**
  - ▪ Did not respond **18**

42 in DVL

- Provided the anticipation of next actions with respect to projects in the WG's current workload (slide 44).
- Requested that the subgroup Chairs provide reports on the activities of their subgroups during this plenary session (slide 45) (see individual subgroup minutes above for details):
  - o The Chair presented the report on slide 46.
  - o The Maintenance TG Chair presented the report on slides 47-49.
  - o The Security TG Chair presented the report on slide 50.
  - o The IEC/IEEE 60802 Joint Project Chair and the TSN TG Chair presented the report on slide 51.
  - o The Nendica Chair presented the report on slides 52-54.
    - ▪ The Chair noted that 802.3 is planning a number of external liaisons related to Ethernet for AI and encouraged interested participants to contact the liaison officers identified by 802.3.
  - o The YANGsters Chair presented the report on slide 55.
- Introduced the promotion work of the WG noting the "soft launch" of a TSN Implementer mark and the potential for an IEEE Communications Magazine series of articles for example on TSN (slide 56), and summarized public visibility encouraging anyone to volunteer as coordinator for 802.1 (slide 57).
- Encouraged IEEE senior memberships, as well as nominations for IEEE Fellow (slide 58) and for the various types of IEEE Awards (slide 59).
  - o The IEEE 802 history ad hoc was discussed.
- Had the Liaison Secretary summarize liaison resources (slide 60), review incoming liaisons reviewed at this session (slide 61), summarize and lead the final review of the set of draft outgoing liaisons (slide 62).
  - o Discussed were having an 802.1 participant introduce the liaison response to IETF LSVR WG at IETF 122 and having a joint discussion as a follow up to IETF 123 and preceding the 139th IEEE 802 session.
- Summarized discussion during the ITU Coordination meeting held this week (slide 63).
  - o Discussed was the incorporation by reference of 802.1Q and possibly other 802.1 standards in a potential ITU-T Recommendation.
- Provided guidance on using DirectVoteLive to vote on motions (slide 64).
- Following 15:16 – 15:40 PT recess, showed the 802.1 consent agenda items for the LMSC closing plenary meeting (slides 65-67).
- Conducted votes on the following motions (slides 68-105) that all passed unless indicated otherwise. (Supporting information is available in "Closing Plenary March 2025" finalized as https://www.ieee802.org/1/files/public/minutes/2025-03-closing-plenary-slides.pdf.)

**Motions for 802 EC
Consent Agenda
PARs to NesCom**

- o Motion
  - ▪ Approve forwarding P802.1AS-2020-Revision PAR modification documentation in https://www.ieee802.org/1/files/public/docs2025/as-

[PAR-0325-v01.pdf](PAR-0325-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: Mark Hantel   Second: Karen Randall
- Sending draft (y/n/a): 30, 0, 0

Motions for 802 EC
Consent Agenda
Drafts to SA Ballot

- Motion
  - Conditionally approve sending P802.1AXdz D2.0 to Standards Association ballot
  - Confirm the CSD for P802.1AXdz in https://mentor.ieee.org/802-ec/dcn/23/ec-23-0238-00-ACSD-p802-1axdz.pdf
  - P802.1AXdz D1.1 had 100% approval at the end of the last WG ballot
  - In the WG, Proposed: János Farkas, Second: Jessy Rouyer
    - Sending draft (y/n/a): 29, 0, 3
    - CSD (y/n/a): 27, 1, 3

Motions for 802 EC
Consent Agenda
Drafts to RevCom

- Motion
  - Conditionally approve sending P802.1DG to RevCom
  - Approve CSD documentation in https://mentor.ieee.org/802-ec/dcn/18/ec-18-0242-00-ACSD-p802-1dg.pdf
  - P802.1DG D4.3 had 97% approval at the end of the last SA ballot
  - In the WG, Proposed: János Farkas, Second: Stephan Kehrer
    - Sending draft (y/n/a): 28, 1, 3
    - CSD (y/n/a): 27, 0, 3

Motions for 802 EC
Consent Agenda
Liaisons and external communications (ME)

- Motion
  - Approve submission of the comment responses to SC6 for ballot comments received on ISO/IEC JTC1 SC6 on:
    - IEEE Std 802.1ASdm
      - https://www.ieee802.org/1/files/public/docs2025/liaison-SC6CommentResponseASdm-0325.pdf
    - IEEE Std 802.1ASdn
      - https://www.ieee802.org/1/files/public/docs2025/liaison-SC6CommentResponseASdn-0325.pdf
    - IEEE Std 802.1Qdx
      - https://www.ieee802.org/1/files/public/docs2025/liaison-SC6CommentResponseQdx-0325.pdf
  - In the WG, Proposed: Mark Hantel Second: Karen Randall
    - (y/n/a): 29, 0, 2

- o Motion
  - ▪ Approve sending the following draft to ISO/IEC JTC1 SC6 for information under the PSDO agreement, when SA ballot starts:
    - o IEEE P802.1AXdz
  - ▪ In the WG, Proposed: Mark Hantel Second: Karen Randall
    - o (y/n/a): 25, 0, 3
- o Motion
  - ▪ Approve sending the following standard to ISO/IEC JTC1 SC6 for adoption under the PSDO agreement, when published:
    - o IEEE 802.1DG
  - ▪ In the WG, Proposed: Mark Hantel Second: Karen Randall
    - o (y/n/a): 28, 0, 2
- o Motion
  - ▪ Approve https://www.ieee802.org/1/files/public/docs2025/liaison-response-itu-t-JCA-IMT2020-0325.pdf as communication to ITU-T SG13 JCA IMT-2020 granting the IEEE 802.1 WG chair (or his delegate) editorial license.
    - o This approval is under LMSC OM "Procedure for public statements to government bodies"
  - ▪ In the WG, Proposed: János Farkas,   Second: Karen Randall
    - o (y/n/a): 26, 0, 4

Motions for 802 EC
Consent Agenda
Liaisons and external communications (II)

- o Motion
  - ▪ Approve sending liaison to IETF LSVR working group on l3dl (Layer-3 Discovery and Liveness)
    - o https://www.ieee802.org/1/files/public/docs2025/liaison-ietf-lsvr-0325-v01.pdf
  - ▪ In the WG, Proposed: Mark Hantel Second: Karen Randall
    - o (y/n/a): 27, 0, 3
- o Motion
  - ▪ Approve sending https://www.ieee802.org/1/files/public/docs2025/liaison-response-LNI40-access-to-drafts-0325.pdf as communication, including IEC/IEEE 60802 Draft 3.1, to Lab Network Industrie 4.0 (LNI 4.0), granting the IEEE 802.1 WG chair (or his delegate) editorial license.
  - ▪ In the WG, Proposed: János Farkas Second: Dieter Proell
    - o (y/n/a): 25, 0, 6
- o Motion
  - ▪ Approve sharing P802.1ASed Draft 2.1 with SAE AS-1A subject to the establishment of the draft sharing relationship by the IEEE Standards Department.
  - ▪ In the WG, Proposed: János Farkas Second: Karen Randall
    - o (y/n/a): 24, 0, 4
- o Motion
  - ▪ Approve making P802.1ASed Draft 2.1 available for purchase.
  - ▪ In the WG, Proposed: János Farkas Second: Jessy Rouyer
    - o (y/n/a): 22, 0, 4

Administrative
WG Motions

- o Motion
  - ▪ 802.1 approves:
    - o November 2024 (plenary) session minutes:
      - ▪ https://www.ieee802.org/1/files/public/minutes/2024-11-minutes.pdf
    - o January 2025 (interim) session minutes:
      - ▪ https://www.ieee802.org/1/files/public/minutes/2025-01-minutes.pdf
  - ▪ Proposed: Jessy Rouyer
  - ▪ Seconded: Johannes Specht
  - ▪ Approved by acclamation
- o 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
  - ▪ Approved by acclamation
- o Motion
  - ▪ 802.1 approves to hold an 802.1 interim session September 16-19, 2025, in Düsseldorf, Germany hosted by Huawei as in-person session with provisions to support mixed mode.
  - ▪ Proposal in IEEE 802.1 September 2025 Interim Session Proposal
  - ▪ Proposed: Stephan Kehrer Seconded: Johannes Specht
  - ▪ Yes: 22   No: 2   Abstain: 6
- o Motion
  - ▪ 802.1 approves to hold an 802.1 interim session, co-located with the 802.3 WG, Jan 19-22, 2026, in Austin, TX, USA, hosted by Dell Technologies, as in-person session with provisions to support mixed mode.
    - o Proposal in Dell Offer to Host – January 2026 IEEE 802.3 interim meeting
  - ▪ Proposed: Stephan Kehrer Seconded: Max Turner
  - ▪ Yes: 16   No: 7   Abstain: 6
  - ▪ Motion failed (action requiring approval by a three-quarters vote).
- o Motion
  - ▪ 802.1 approves to hold an 802.1 interim session, co-located with the 802.3 WG, Jan 19-22, 2026, in Austin, TX, USA< hosted by Dell Technologies, as in-person session with provisions to support mixed mode, with the same registration fee and hotel rate as indicated in the 802.3 proposal in Dell Offer to Host – January 2026 IEEE 802.3 interim meeting.
  - ▪ Proposed: Jessy Rouyer Seconded: Marcel Kiessling
  - ▪ Yes: 17   No: 5   Abstain: 7
  - ▪ (Motion passed.)

IEEE 802.1 March 10-14, 2025 Plenary Session (Atlanta, GA, USA – Mixed Mode)

Future meetings table

Subgroup	Topic	Date	Time	Recurrence	Date annoucements (days prior)	Agenda	Agenda	Access Information
YANGsters	per agenda	Tue 2025-03-25	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 maintenance 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/
Security TG	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 2025-07-28	8:00 - 10:00	none	motion	14 days	https://1.ieee802.org/category/tsn-tg-agenda/	https://1.ieee802.org/meetings/
TSN TG	per agenda	Mon 2025-03-17	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 2025-03-17	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 2025-03-21	9:00 - 11:00 ET	weekly	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 2025-04-09	10:00 - 12:00 ET	weekly	motion	5 days	802.1 Minutes email list	http://www.ieee802.org/1/tsn
Nendica	per agenda	Thu 2025-04-03	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

YANGsters
WG Motions

Maintenance TG
WG Motions

- o Motion
  - 802.1 authorizes Christophe Mangin, the Editor of P802.1CB-2017-Revision – Frame Replication and Elimination for Reliability, to prepare drafts for and conduct Task Group balloting.
  - Proposed: Mark Hantel
  - Second: Karen Randall
  - In the WG (y/n/a): 25, 0, 2
- o Motion
  - 802.1 authorizes Christophe Mangin, the Editor of P802.1CB-2017/Cor1 – Frame Replication and Elimination for Reliability - Corrigendum 1, to prepare drafts for and conduct Working Group balloting.
  - Proposed: Mark Hantel
  - Second: Karen Randall
  - In the WG (y/n/a): 27, 0, 1
- o Motion
  - 802.1 authorizes Marco Hernandez, the Editor of P802.1ACea – MAC Service Definition Amendment: Support for IEEE Std 802.15.6, to prepare drafts for and conduct Working Group balloting.
  - Proposed: Mark Hantel
  - Second: Karen Randall
  - In the WG (y/n/a): 26, 0, 3

Security TG
WG Motions

TSN TG
WG Motions

- o Motion
  - 802.1 authorizes Lisa Maile, the Editor of P802.1CBec Standard for Local and Metropolitan Area Networks: Frame Replication and Elimination for Reliability – Amendment: Guidance for Sequence Recovery Function Parameter Configuration to prepare drafts for and conduct Task Group balloting.
  - Proposed: János Farkas
  - Second: Max Turner
  - In the WG (y/n/a): 24, 0, 5
- o Motion
  - 802.1 authorizes the TSN TG to generate PAR and CSD at the May 2025 interim session for pre-circulation to the EC for an amendment to IEEE 802.1Q allowing bridged networks to support LANs with more uncertain delays than those of point-to-point wireline MAC technologies.
  - Proposed: János Farkas

- Second: Maik Seewald
- In the WG (y/n/a): 23, 1, 5
- Called for Any Other Business (slide 103).
  - No other business was discussed in this meeting.

17:09 ET adjournment

11   Next Session

May 19-23, 2025 mixed mode interim session in Rennes, France.