

3 Opening Plenary Meeting

See section 1 for attendance and affiliation information.

Call to order Nov 10, 2025 at 10:37 ICT by the Chair who presided. The Recording Secretary wrote the minutes.

The Chair presented “Opening Plenary November 2025” finalized as <http://www.ieee802.org/1/files/public/minutes/2025-11-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
 - 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).
- 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.
- Reminded 802.1 voting members of their obligations regarding declaring affiliation(s) and employer(s) (slide 31), keeping affiliation and employer data updated (slide 32), electronic ballots (ePolls) conducted between sessions (slide 33), requesting and retaining voting membership (slide 34), and responding to WG ballot series (including ePolls) as well as regarding the consequences of not responding to WG ballot series (including ePolls) (slide 35).
- Reviewed the list of 802.1 voters (slide 36), including information about individuals who may gain (slides 37 and 38) or lose (slides 39 and 40) 802.1 voting membership.
- Reminded individual participants of 802.11 reciprocal credit (slide 41) and 802.3 reciprocal credit (slide 42) at this session.

- Had Stephan Kehrer, Executive Secretary, introduce information about:
 - The Jan 2026 interim session (slide 43).
 - The May 2026 interim session (slide 44).
 - The Sep 2026 interim session (slide 45).
 - The Jan 2027 interim session (slide 46).
- Had the Executive Secretary provide an overview of the schedule for future interim sessions (slide 47):
 - January 2026
 - Hosted by Dell as in-person session with provisions to support mixed mode
 - Date: Jan 19-22, 2026
 - Location: Austin, TX, USA
 - May 2026
 - Hosted by Huawei as in-person session with provisions to support mixed mode
 - Date: May 11-14, 2026
 - Location: Munich, Germany
 - September 2026
 - Option to co-locate with IEEE 802.3 WG
 - Date: Sep 14-17, 2026
 - Location: Lisbon, Portugal
 - The Executive Secretary presented “Ethernet Alliance IEEE 802.1 Interim Meeting September 2026 Location Proposal”
<https://www.ieee802.org/1/files/public/docs2025/admin-kehrer-Sep2026-interim-proposal-1125-v01.pdf>.
 - The relative timing of TSN/A 2026 was discussed.
 - **Disposition:** For information.
 - January 2027
 - Option to co-locate with IEEE 802 Wireless Group
 - Date: Jan 11-14, 2027
 - Location: Irvine, CA, USA
- Provided an overview of the schedule for future plenary sessions (slide 48):
 - March 8-13, 2026 – Vancouver, BC, Canada
 - Hyatt Regency Vancouver
 - July 13-18, 2026 – Montreal, QC, Canada
 - Le Centre Sheraton Montreal
 - Nov 8-13, 2026 – Bangkok, Thailand
 - Marriot Marquis Queen’s Park
 - Mar 14-19, 2027 – Singapore (TBC)
 - Grand Copthorne Waterfront, Singapore (TBC)
 - Jul 11-16, 2027 – Gothenburg, Sweden
 - Gothia Towers
 - Nov 14-19, 2027 – Oahu, HI, USA
 - Hawaiian Village
 - Mar 2028 –TBC
 - TBC
 - Jul 9-14, 2028 – Montreal, QC, Canada
 - Le Centre Sheraton Montreal
- Previewed the straw polls regarding this plenary session to be conducted during the 802.1 closing plenary meeting (slide 49):
 1. How many people would like to come back to this venue?
 - Yes - No -

2. Did you go to the social?
 - Yes - No -
 3. If you attended the Social, did you like the social?
 - Yes - No -
- Provided pointers to the LMSC schedule of LMSC/WG/TAG meetings to be held during this plenary session (slide 50).
 - Reported the following items out of the 802 LMSC plenary session #140 (slide 51):
 - Fee Waivers granted
 - Hibernating working groups were disbanded
 - [Elections](#) in March 2026 – nominations by Jan 22, 2026
 - Venues ([EC-25-272](#))
 - Nov 2025 – 1010 attendees – with just over 1/2 in-person – not enough for block
 - Finalizing contracts for venues into 2027
 - Treasurer ([EC-25-271](#))
 - July plenary had a small loss (\$170k) as planned to reduce reserves (currently at \$1.8M) to target (\$1.5M)
 - Forecast for 2026 is small loss (\$170k), but 2027 is significant (\$800k)
 - Fee discussion for 2026/2027 at closing. Wireless increased by \$200
 - 802 rules ([EC-25-262](#))
 - attendance in-person to gain voting rights – straw poll at closing ([EC-25-258](#))
 - fee waivers, PAR review process
 - 802 history ad hoc
 - Donations of material to Charles Babbage Institute
 - Introduced IEEE SA staff supporting IEEE 802 (slide 52):
 - Jodi Haasz
 - Senior Manager, Operational Program Management
 - 802 lead, supports 802.1, 802.3 and 802.18
 - Christy Bahn
 - Senior Program Manager, Operational Program Management
 - supports dot11, dot15, dot19 and, dot24 groups
- Available for editorial guidance questions via email
- Catherine Berger
 - 802 lead editorial support
 - Senior Program and Special Projects Manager, Content Production and Management
- Pointed to instructions to access IEEE 802 electronic media (slide 53).
 - Provided IEEE 802 program status pointers (slide 54).
 - Provided information about public review (slide 55).
 - Pointed out 802.1 PARs, CSDs, PAR modification, and CSD modification (slide 56) as well as 802.3 and 802.11 PARs and CSDs, and 802.11bi PAR modification (slide 57) that are up for vote or finalization during this IEEE 802 plenary session.
 - Had the Liaison Secretary present liaison resources (slide 58), the IEEE 802 liaison list (slide 59), the set of incoming liaisons to be handled by specific subgroups (slide 60), IEEE 802.1 activity in SC 6 (slide 61) as well as the status of previous outgoing liaisons, either sent since the previous plenary session or to be completed (slide 62), and anticipated outgoing liaisons (slide 63).
 - Summarized IETF coordination items (slide 64).
 - Provided information about JTC1/SC6 coordination (slide 65), ITU coordination (slide 66)—noting the possibility for a subset of 802.1 standards to be incorporated by reference similarly to how 802.3 is being incorporated by reference as part of ITU-T

G.8020.3, and noting the ongoing planning of the tenth joint IEEE 802/ITU-T SG15 workshop to be organized for 802.1 by Jessy Rouyer and for 802.3 by John D'Ambrosia), and meeting to be held with 802.15 during this plenary session (slide 67).

- Discussed promotion of the work of the WG (slide 68).
- Had the TSN TG chair introduce the following including the involvement of 802.1 participants:
 - TSN/A Conference 2025 (slide 69).
 - 2025 IEEE SA Ethernet & IP Automotive Technology Days (slide 70).
 - Aerospace and Defense TSN Summit (slide 71).
- Discussed 802.1 public visibility messaging (slide 72).
- Reminded nominations are welcome for the IEEE Fellow program (slide 73) and the various types of IEEE Awards (slide 74) highlighting the various deadlines and encouraging nominations.
- Noted that WG Chair Awards would be upcoming (slide 75).
- Recognized Ludwig Winkel as a recipient of the IEEE SA International Award (slide 76). A round of applause ensued.
- Provided the anticipation of next actions with respect to the projects in the WG's current workload (slide 77).
- Reviewed the timeline for 802.1Q (slide 78) and 802.1AS (slide 79) revisions and amendments.
- Showed the 802.1 schedule for this plenary session (subsequently updated per <https://1.ieee802.org/november-2025-plenary-session-in-bangkok-thailand/>), which was tacitly approved (slide 80).
- Listed 802.1 leadership and editors' meetings (slide 81).
- Requested that subgroup agendas be presented (slide 82):
 - The Chair presented the joint 802.1 & 802.15 meeting agenda on slide 83.
 - The Maintenance TG Chair presented the agenda on slides 84-86.
 - The Security TG Vice Chair presented the agenda on slide 87.
 - 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 on slide 92.
- Called for Any Other Business (slide 93).
 - No other business was discussed in this meeting.

12:32 ICT recess

4 802.1/802.15 Joint Meeting

Between this session and the previous plenary 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 Nov 11, 2025 are on pages 18-19 of "802.15 WG & WNG Minutes November 2025 Plenary"

<https://mentor.ieee.org/802.15/dcn/25/15-25-0703-00-0000-802-15-wg-wng-minutes-november-2025-plenary.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 2025-10-21 10:00 – 11:55 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;3d3cf0d0.25&S=>
- Minutes of the Maintenance TG meeting held 2025-11-04 11:02 - 12:56ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;820f499c.26&S=>

See section 1 for attendance and affiliation information.

Call to order Nov 10, 2025 at 16:00 ICT by Jessy Rouyer, IEEE 802.1 Working Group Vice Chair, acting locally for remote 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 and IEEE SA Copyright and Participation Policies were provided beforehand as part of “MEETING INTRODUCTION”

<http://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://1.ieee802.org/november-2025-plenary-session-maintenance-tg-agenda/>.

Disposition: The agenda was reviewed, discussed, and agreed (informally, none dissenting) as presented.

3. P802.1CB-2017/Cor1 D2.0 SA Comment Resolution. Christophe Mangin, P802.1CB-2017/Cor1 editor, led the resolution of comments received on <https://www.ieee802.org/1/files/private/cb-cor-1-drafts/d2/802-1CB-2017-Cor1-d2-0.pdf>.
Disposition: Comments 7, 3, 6, 4, 2, 1 and 5 were resolved.
4. P802.1AB-2016-REV D1.1 Comment Resolution. Paul Bottorff, P802.1AB-2016-Rev editor, led the resolution of comments received on <https://www.ieee802.org/1/files/private/ab-2016-rev-drafts/d1/802-1AB-2016-Rev-d1-1.pdf>.
Disposition: Comments 1 and 2 were withdrawn by the commenter. Final disposition: <https://www.ieee802.org/1/files/private/ab-2016-rev-drafts/d1/802-1AB-2016-Rev-d1-1-dis-v01.pdf>.
5. P802.1AC-2016-REV D0.3 Comment Resolution. Jessy Rouyer, P802.1AC-2016-Rev editor, led the resolution of comments received on <https://www.ieee802.org/1/files/private/ac-2016-rev-drafts/d0/802-1AC-2016-Rev-d0-3.pdf>.
Disposition: Comments 17, 18, 21, 22, 23, 24, 19, 5, 10, 15, 3, 4, 16, 5, 6, 7, 9, 11, 12, 2, 20 were resolved.

18:05 ICT recess

Call to order Nov 11, 2025 at 8:02 ICT by Jessy Rouyer, IEEE 802.1 Working Group Vice Chair, acting locally for remote Mark Hantel, IEEE 802.1 Maintenance TG Chair (Chair), who presided and wrote the minutes, assisted by Karen Randall, IEEE 802.1 Liaison Secretary.

6. Maintenance Project Status. The Chair gave verbal updates on P802.1Q-2022-Rev, P802.1AS-2020-Rev, P802.1CB-2017-Cor1, P802.1ACea, P802.1AB-2016-Rev, P802.1AC-2016-Rev, P802.1CB-2017-Rev, and P802.1X-2020/Cor1.
Disposition: For information.
7. Review of Maintenance Motions. The Chair reviewed and updated the anticipated Maintenance TG motions for this plenary session.
Disposition: For information.
8. Liaison Report. Karen Randall, IEEE 802.1 Liaison Secretary, gave a verbal update on liaisons. Liaisons from July 2025 were sent. New liaisons have been received from an ITU-T JCA, and three from ITU-T SG15.
Disposition: More discussion necessary.
9. 802 PARs Under Consideration. The Chair led discussion on the following 802 PARs under consideration:
 - P802.3ds – Amendment – 200 Gb/s per Wavelength Multimode Fibre (MMF) PHYs, PAR and CSD.
 - P802.3dt – Amendment – Ethernet Metadata Services, PAR and CSD.
 - 802.3du – Revision – Standard for Ethernet (Revision), PAR.
 - P802.11bi – Amendment – Enhanced Service with Privacy Protection, PAR modification.**Disposition:** Comments were generated in <https://www.ieee802.org/1/files/public/docs2025/admin-PAR-CSD-comments-3ds-1125-v01.pdf>, <https://www.ieee802.org/1/files/public/docs2025/admin-PAR-CSD-comments-3dt-1125-v01.pdf>, and <https://www.ieee802.org/1/files/public/docs2025/admin-PAR-CSD-comments-3du-1125-v01.pdf>. Comments were circulated to the IEEE 802.3 WG.

10:05 ICT recess

Call to order Nov 12, 2025 at 13:30 ICT by Jessy Rouyer, IEEE 802.1 Working Group Vice Chair, acting locally for remote 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. P802.1X-2020/Cor1 D1.0 Comment Resolution. Glenn Parsons, IEEE 802.1 Chair, led the resolution of comments received on <https://www.ieee802.org/1/files/private/x-2020-cor-1-drafts/d1/802-1X-2020-Cor1-d1-0.pdf>.
Disposition: Comments 2, 7, 10, 1, 3, 11, 4, 5, 6, 8, and 9 were resolved. Final disposition: <https://www.ieee802.org/1/files/private/x-2020-cor-1-drafts/d1/802.1X-2020-Cor1-d1-0-dis-v01.pdf>.
11. P802.1AC-2016-REV D0.3 Comment Resolution. Jessy Rouyer, P802.1AC-2016-Rev editor, continued the resolution of comments received on <https://www.ieee802.org/1/files/private/ac-2016-rev-drafts/d0/802-1AC-2016-Rev-d0-3.pdf>.
Disposition: Comments 14, 20, 1, 8 and 13 were resolved. Final disposition: <https://www.ieee802.org/1/files/private/ac-2016-rev-drafts/d0/802-1AC-2016-Rev-d0-3-dis-v01.pdf>.
12. P802.1CB-2017/Cor1 D2.0 SA Comment Resolution. Christophe Mangin, P802.1CB-2017/Cor1 editor, continued the resolution of comments received on <https://www.ieee802.org/1/files/private/cb-cor-1-drafts/d2/802-1CB-2017-Cor1-d2-0.pdf>.
Disposition: Comment 4 was resolved. Final resolution: <https://www.ieee802.org/1/files/private/cb-cor-1-drafts/d2/802-1CB-2017-Cor1-d2-0-dis-v02.pdf>.
13. P802.1CB-2017-REV D0.2 Comment Resolution. Christophe Mangin, P802.1CB-2017-Rev editor, led the resolution of comments received on <https://www.ieee802.org/1/files/private/cb-2017-rev-drafts/d0/802-1CB-2017-Rev-d0-2.pdf>.
Disposition: Comments 1, 4, 3, and 2 were resolved.

15:38 ICT recess

Call to order Nov 13, 2025 at 11:11 ICT by János Farkas, IEEE 802.1 TSN TG Chair, acting locally for remote Mark Hantel, IEEE 802.1 Maintenance TG Chair (Chair), who presided and wrote the minutes, assisted by Karen Randall, IEEE 802.1 Liaison Secretary.

14. Liaison and Motion Review. The Chair led a discussion on the motion slides for the closing plenary meeting. The liaison secretary led discussion on “Liaison Statement to ITU-T JCA IMT2020 to update the information in the IMT-2020 and beyond roadmap”
<https://www.ieee802.org/1/files/public/docs2025/liaison-response-itu-t-JCA-RoadmapIMT2020-1125.pdf>.
Disposition: For information.
15. P802.1CB-2017-REV D0.1 Comment Resolution. Christophe Mangin, P802.1CB-2017-Rev editor, continued the resolution of comments received on <https://www.ieee802.org/1/files/private/cb-2017-rev-drafts/d0/802-1CB-2017-Rev-d0-2.pdf>.
Disposition: Comment 5 was reviewed.
16. Review of Maintenance Items and next steps. The Chair led discussion on maintenance items 314, 368 and 374.
Disposition: More discussion necessary.
17. Any other business. No other business was discussed by the Maintenance TG in this session.

12:03 ICT 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 Nov 12, 2025 at 8:00 ICT by Jessy Rouyer, IEEE 802.1 Working Group Vice Chair, acting locally for remote 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 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/november-2025-plenary-session-security-tg-agenda/>.

Disposition: The agenda was reviewed, discussed and agreed (informally, none dissenting) as presented.

3. P802.1AEef MACsec Ascon Cipher Suite amendment - PAR and CSD development (responses to comments received). The Security TG Chair led the discussion of the comments received from the 802.3, 802.11, and IEEE 802.15 Working Groups, as collated (with draft responses) and previously distributed to the 802.1 email list in <https://www.ieee802.org/1/files/public/docs2025/ef-PAR-CSD-comments-responses-1125-v00.pdf>.

Disposition: The PAR and CSD for submission to the LMSC, for approval for PAR submission to IEEE SA NesCom, were updated:

- <https://www.ieee802.org/1/files/public/docs2025/ef-ascon-macsec-cipher-suite-PAR-1125-v00.pdf>
- <https://www.ieee802.org/1/files/public/docs2025/ef-ascon-macsec-cipher-suite-CSD-1125-v00.pdf>

[Post-session note: The PAR was approved by the IEEE SA Standards Board (SASB) Dec 10, 2025.]

4. P802.1AReg MACsec Ascon Cipher Suite amendment - PAR and CSD development (responses to comments received). Paul Bottorff, P802.1AReg editor, led the discussion of the comments received from the 802.3, 802.11, and IEEE 802.15 Working Groups.

Discussion:

- Clarification that ML-DSA will facilitate securing devices against both classical attacks and expected quantum computer capabilities.
- The referenced IETF draft has now been published as RFC 9881 <https://www.rfc-editor.org/rfc/rfc9881.pdf> so this project no longer depends on completion of another standard.
- Add some detail on government procurement requirements.

Disposition: The comments received and the responses generated are collated in <https://www.ieee802.org/1/files/public/docs2025/eg-PAR-CSD-comments-responses-1125-v01.pdf>. The updated PAR and CSD were recorded in:

- <https://www.ieee802.org/1/files/public/docs2025/eg-ml-dsa-CSD-1125-v00.pdf>
- <https://www.ieee802.org/1/files/public/docs2025/eg-ml-dsa-PAR-1125-v00.pdf>

[Post-session note: The PAR was further updated during the 802.1 plenary meeting held Nov 13, 2025 following further LMSC comment, and subsequently approved by the IEEE SA Standards Board (SASB) Dec 10, 2025.]

5. Future meetings/teleconferences. The Security Task Group intends to meet during the Jan 2026 IEEE 802.1 Interim Session in Austin, Texas, USA. Initial ballots of P802.1AEef and P802.1AReg may occur before that interim session. Electronic meeting(s) are anticipated in Dec 2025 to discuss the topic of the use of MACsec technology over or for MPLS, as introduced during the Jul 2025 plenary session under the heading “MACsec enhanced”. Meetings to be scheduled and announced following the usual notification requirement. Work on the use of MACsec for automotive applications, as discussed during the Jul 2025 plenary session, is ongoing outside IEEE 802.1 and may result in further electronic meetings (reports or requests for assistance or clarification).

9:58 ICT 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 2025-10-13, 10:00 – 12:00 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;c53e0f54.25&S=>
- Minutes of the TSN TG meeting held 2025-10-20, 10:00 – 12:00 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;fb2ce9c9.25&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 Nov 10, 2025 at 13:30 ICT 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 and, 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/2025-11-plenary-tsn-agenda/>.

Disposition: The agenda was reviewed, discussed and agreed (informally, none dissenting) as presented.

3. János Farkas presented “IEEE 802.1 TSN Developments” <https://www.ieee802.org/1/files/public/docs2025/admin-farkas-some-tsn-developments-1125-v00.pdf>.

Disposition: For Information.

4. Takumi Nomura presented liaison and communication “Proposal of the Detail of Time Sync Automotive Profile” <https://www.ieee802.org/1/files/public/docs2025/liaison-JASPAR-TimeSyncProfile-1125.pdf>.

Disposition: Liaison discussed. Liaison response to be drafted.

5. The Chair presented incoming liaison and communication “LS on deterministic networking work in Q6/WP4 of ITU-T SG13” <https://www.ieee802.org/1/files/public/docs2025/liaison-itu-t-SG13-LS90-DetermNtwrking-0825.pdf>.

Disposition: Liaison discussed. Further discussion needed.

6. The Chair presented incoming liaison and communication “LS on consent of draft new Recommendation ITU-T Y.3223 (ex Y.FMSC-MEC) “Fixed, mobile and satellite convergence – Multi-access edge computing for IMT-2020 networks and beyond”” <https://www.ieee802.org/1/files/public/docs2025/liaison-itu-t-SG13-LS64-MultiAccessEdgeCompRecY3223-0825.pdf>.

Disposition: Liaison discussed.

7. The Chair presented incoming liaison and communication “LS on Consented Recommendations” <https://www.ieee802.org/1/files/public/docs2025/liaison-itu-t-SG15-LS78-ConsentedRecs-1125.pdf>.

Disposition: Liaison discussed.

8. The Chair presented incoming liaison and communication “LS on approval of Technical Report on International Optical Networks towards 2030 and Beyond (ION-2030)” <https://mentor.ieee.org/802-ec/dcn/25/ec-25-0264-00-INTL-sg15-ls53-ls-on-approval-of-technical-report-on-international-optical-networks-towards-2030-and-beyond-ion-2030.zip>.

Disposition: For Information.

9. The Chair presented incoming liaison and communication “LS/r on the technical report of use cases and requirements beyond 10Gbps (reply to ETSI ISG F5G-LS30)”
<https://mentor.ieee.org/802-ec/dcn/25/ec-25-0265-00-INTL-sg15-ls54-ls-r-on-the-technical-report-of-use-cases-and-requirements-beyond-10gbps-reply-to-etsi-isg-f5g-ls30.docx>.
Disposition: For Information.
10. The Chair presented incoming liaison and communication “LS from UEC on Coordination on areas of mutual interest” <https://www.ieee802.org/1/files/public/docs2025/liaison-UEC-LiaisonCoordinationwithUEC-1125.pdf>.
Disposition: Liaison discussed. Liaison response to be drafted.
11. The Chair presented incoming liaison and communication “LS from UEC on Congestion Signaling Work in UEC Transport WG”
<https://www.ieee802.org/1/files/public/docs2025/liaison-UEC-CongestionSignalingCSIG-1125.pdf>.
Disposition: Liaison discussed. Liaison response to be drafted.
12. The Chair presented draft motions.
Disposition: Draft motions reviewed.
13. Yong Kim presented “A Call for Interest on 10BASE-T1S PLCA Latency Reduction Study”
<https://www.ieee802.org/1/files/public/docs2025/new-jochim-kim-plca-latency-reduction-0925-v01.pdf>.
Disposition: Presentation discussed. Further discussion needed.
14. Markus Jochim presented “IEEE 802.3 NEA 10BASE-T1S Differentiated Services”
https://www.ieee802.org/3/ad_hoc/ngrates/public/calls/25_1009/2025_10_09a_NEA_Differentiated_Services_10BaseT1S-v1-no-backup.pdf.
Disposition: Presentation discussed. Further discussion needed.

15:30 ICT recess

Call to order Nov 11, 2025 at 10:30 ICT by János Farkas, IEEE 802.1 TSN TG Chair (Chair), who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the minutes.

15. Mark Hantel led the review of the draft P802.3dt PAR <https://mentor.ieee.org/802-ec/dcn/25/ec-25-0218-00-LMSC-draft-ieee-p802-3dt-par.pdf> and CSD <https://mentor.ieee.org/802-ec/dcn/25/ec-25-0219-00-LMSC-draft-ieee-p802-3dt-csd.pdf>.
Disposition: Comments drafted.
16. Abdul Jabbar provided a verbal status update on P802.1DP/AS6675.
Disposition: For Information.
17. Abdul Jabbar, P802.1ASed editor, led the resolution of comments received on <https://www.ieee802.org/1/files/private/ased-drafts/d3/802-1ASed-d3-2.pdf>.
Disposition: Final disposition: <https://www.ieee802.org/1/files/private/ased-drafts/d3/802-1ASed-d3-2-dis-v01.pdf>.
18. Silvana Rodrigues, P802.1ASds editor, presented “802.1ASds-D1.5 Editor’s Report” <https://www.ieee802.org/1/files/public/docs2025/ds-Rodrigues-d1-5-WG-ballot-report-1025-v00.pdf> and led the resolution of comments received on <https://www.ieee802.org/1/files/private/asds-drafts/d1/802-1ASds-d1-5.pdf>.
Disposition: Final disposition: <https://www.ieee802.org/1/files/private/asds-drafts/d1/802-1ASds-d1-5-dis-v00.pdf>.
19. Hiroki Nakano, P802.1Qdq editor, led the resolution of comments received on <https://www.ieee802.org/1/files/private/dq-drafts/d1/802-1Qdq-d1-3.pdf>.
Disposition: Final disposition: <https://www.ieee802.org/1/files/private/dq-drafts/d1/802-1Qdq-d1-3-dis-v01.pdf>.

20. Lisa Maile, P802.1CBec editor, led the resolution of comments received on <https://www.ieee802.org/1/files/private/ec-drafts/d0/802-1CBec-d0-2.pdf>.
Disposition: Final disposition: <https://www.ieee802.org/1/files/private/ec-drafts/d0/802-1CBec-d0-2-dis-v01.pdf>.
21. Lihao Chen presented “SFC simulation”
<https://www.ieee802.org/1/files/public/docs2025/dw-chen-sfc-simulation-1125-v02.pdf>.
Disposition: Presentation discussed. Further discussion needed.

12:30 – 13:30 ICT recess

22. Paul Bottorff presented “Congestion Signaling (CSIG)”
<https://www.ieee802.org/1/files/public/docs2025/new-bottorff-csig-1125-v04.pdf>.
Disposition: Presentation discussed. Further discussion needed.
23. The Chair led the drafting of “Liaison response on Congestion Signaling”
<https://www.ieee802.org/1/files/public/docs2025/liaison-response-UEC-CongestionSignalingCSIG-1125.pdf>.
Disposition: Disposition per agenda item 34.
24. The Chair led the drafting of “Liaison response on Coordination” finalized as
<https://www.ieee802.org/1/files/public/docs2025/liaison-response-UEC-LiaisonCoordinationwithUEC-1125.pdf>.
Disposition: Liaison response drafted.

15:30 – 16:00 ICT recess

25. The Chair led the drafting of “Liaison Statement on IEEE P1588h draft sharing” finalized as
<https://www.ieee802.org/1/files/public/docs2025/liaison-IEEE1588-sharing-P1588h-1125.pdf>.
Disposition: Liaison drafted.
26. The Chair led the discussion on a LinkedIn post on the publication of IEEE Std 802.1DG.
Disposition: Outgoing communication discussed.
LinkedIn post (published post-session): https://www.linkedin.com/posts/ieee802_8021dg-2025-ieee-standard-for-local-and-activity-7402663890129551360-GHsQ.
27. The Chair led the discussion on a LinkedIn post on the publication of IEEE Std 802.1DP / SA AS6675.
Disposition: Outgoing Communication discussed.
LinkedIn post (published post-session): https://www.linkedin.com/posts/ieee802_8021dp-2025-ieee-sae-standard-for-local-activity-7403095880993603584-oQaY.

16:20 ICT recess

Call to order Nov 12, 2025 at 10:30 ICT by János Farkas, IEEE 802.1 TSN TG Chair (Chair), who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the minutes.

28. 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.
29. The Chair led the resolution of comments
<https://www.ieee802.org/1/files/public/docs2025/ec-PAR-CSD-comments-responses-1125-v01.pdf> received on the draft P802.1CBec PAR
<https://www.ieee802.org/1/files/public/docs2025/ec-PAR-modification-1125-v01.pdf> and
CSD <https://www.ieee802.org/1/files/public/docs2025/ec-draft-CSD-modification-0925->

[v01.pdf](#).

Disposition: Updated CSD draft: <https://www.ieee802.org/1/files/public/docs2025/ec-CSD-modification-1125-v01-redline.pdf>.

30. The Chair led the drafting of “Liaison response on Congestion Signaling” finalized as <https://www.ieee802.org/1/files/public/docs2025/liaison-response-UEC-CongestionSignalingCSIG-1125.pdf>.

Disposition: Disposition per agenda item 34.

12:30 – 16:00 ICT

31. Lisa Maile presented “Overview of known issues for IEEE 802.1CB FRER ... and next steps” <https://www.ieee802.org/1/files/public/docs2025/ec-maile-FRER-issues-overview-1125-v02.pdf>.

Disposition: Presentation discussed. Further discussion needed.

32. Balázs Varga presented “FRER Refinements Directions”

<https://www.ieee802.org/1/files/public/docs2025/ec-varga-FRER-refinements-directions-1125-v00.pdf>.

Disposition: Presentation discussed. Further discussion needed.

18:00 ICT recess

Call to order Nov 13, 2025 at 10:30 ICT by János Farkas, IEEE 802.1 TSN TG Chair (Chair), who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the minutes.

33. 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.

34. The Chair led the drafting of “Liaison response on Congestion Signaling” finalized as <https://www.ieee802.org/1/files/public/docs2025/liaison-response-UEC-CongestionSignalingCSIG-1125.pdf>.

Disposition: Liaison response drafted.

35. The Chair led the drafting of “Liaison response to “Proposal of the Detail of Time Sync Automotive Profile” finalized as <https://www.ieee802.org/1/files/public/docs2025/liaison-response-JASPAR-TimeSyncProfile-1125.pdf>.

Disposition: Liaison response drafted.

11:10 ICT adjournment

7.1 IEC/IEEE 60802 Joint Project

Between this session and the preceding session, the IEC/IEEE 60802 Joint Project did not hold electronic meetings.

See section 1 for attendance and affiliation information.

Call to order Nov 10, 2025 at 8:00 ICT by János Farkas, IEEE 802.1 TSN TG Chair (TSN TG Chair) who presided. Dieter Proell, IEC 65C/WG18 Convenor and IEC/IEEE 60802 Joint Project Chair (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 TSN TG 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 TSN TG 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 TSN TG 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 TSN 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 TSN TG Chair presented the agenda in https://1.ieee802.org/2025-11-plenary-tsn-agenda/#TSN_8211_IECIEEE_60802.

Disposition: The agenda was reviewed, discussed, and updated as recorded by these minutes.

3. IEC/IEEE 60802 status update. The 60802 Chair reported FDIS preparation is ongoing and should finish soon.

Disposition: For information.

4. Brainstorming on IEC/IEEE 60802 Edition 2 / amendment. David McCall presented “TSN Industrial Automation Use Cases v0.1”

<https://www.ieee802.org/1/files/public/docs2025/60802-industrial-use-cases-ii-1125-v01.pdf>.

Disposition: More discussion is needed.

5. Brainstorming on IEC/IEEE 60802 Edition 2 / amendment. Mark Hantel presented “60802 gaps” <https://www.ieee802.org/1/files/public/docs2025/60802-Hantel-SysAdHocReview-1125-v01.pdf>.

Disposition: Presentation discussed.

10:00 ICT adjournment

8 Nendica

Between this session and the preceding session, Nendica did not hold electronic meetings. See section 1 for attendance and affiliation information.

Call to order Nov 13, 2025 at 8:00 ICT by Johannes Specht, IEEE 802 Nendica Vice Chair (Chair) who presided. Dieter Proell 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 Chair announced that the meeting is subject to these Policies as read and displayed at the opening plenary 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 Mentor server document list was noted.
Disposition: The agenda was reviewed and agreed (informally, none dissenting) as <https://1.ieee802.org/802-nendica-agenda-2025-11-13/>.
3. Minutes. The Chair reviewed the draft “Minutes of the Nendica meeting held during the 2025-09-16 - 2025-09-19 session” <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;3086334f.25>.
Disposition: Correct the date at the participant list. It was agreed (informally, none dissenting) to conditionally approve the minutes based on deletion of “on Jul 30,2025 09:00 – 11:00 CEST” before the participants list.
4. Nendica Organization. No activity.
5. AICN Study Item.
Paul Congdon presented “AICN Insights from OCP Global Summit 2025”
<https://mentor.ieee.org/802.1/dcn/25/1-25-0017-01-lcne-aicn-insights-from-ocp-global-summit-2025.pdf>.
Disposition: Presentation discussed.
The Chair led the discussion on the draft “Liaison response to UEC on coordination”.
Disposition: Liaison response drafted.
Jieyu Li presented “Solution Discussion of Switch-controlled Packet-level Spraying and Reordering” <https://mentor.ieee.org/802.1/dcn/25/1-25-0020-02-lcne-solution-discussion-of-switch-controlled-packet-level-spraying-and-reordering.pdf>.
Disposition: Presentation discussed. Further discussion needed.
Yao Liu presented “Analysis and Simulation of Switches Reordering Cost”
<https://mentor.ieee.org/802.1/dcn/25/1-25-0019-01-lcne-analysis-and-simulation-of-the-switch-reordering-cost.pdf>.
Disposition: Presentation discussed. Further discussion needed.
6. Vetting and New Topics. No activity.
7. Next meeting. Nendica intends to meet next on Dec 11, 2025, 9:00-11:00 ET.
8. Other Business. No other business was discussed by Nendica in this session.

10:02 ICT adjournment

9 YANGsters

Between this session and the preceding session, YANGsters held an electronic meeting whose minutes are incorporated to these session minutes by reference as follows:

- Minutes of the YANGsters meeting held 2025-10-07 10:00 –10:24 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;7815736e.26&S=>

The YANGsters meeting scheduled at this session was canceled.

10 Closing Plenary Meeting

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

See section 1 for attendance and affiliation information.

The Chair presented “Closing Plenary November 2025” finalized as
<https://www.ieee802.org/1/files/public/minutes/2025-11-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 (slides 24-25).
- Provided general information regarding meeting contributions, minutes, schedule for all Working Groups, website (slide 26).
- Showed the list of 802.1 officers and leadership (slide 27).
- Recognized the editors of current projects (slide 28), 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 29).
- 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 30).
- Reviewed the list of 802.1 voting members (slide 31), including information about individuals who may gain (slides 32 and 33), could lose (slide 34), or will lose (slide 35) 802.1 voting membership.
 - Reminded individual participants of 802.11 reciprocal credit (slide 36), and of 802.3 reciprocal credit (slide 37), both of which were continued at this session.
 - Had the 802 LMSC Recording Secretary present on in-person collaboration (slides 38-40) and conducted the following straw polls following discussion:
 1. For this plenary, I am...
 - A. On-site/in-person 22
 - B. Remote 8
 2. I support the statement, “In-person attendance is richer and adds value to the standards development process.”
 - A. Yes 27
 - B. No 4
 3. I believe that a working group voter should, at some point, attend a WG session in person.
 - A. Yes 26
 - B. No 5
 4. I support the rules change direction of
 - A. requiring in-person attendance to gain and/or maintain voting rights. 8
 - B. casting votes in person, but hearing opinions and contributions remotely is still allowed. 5
 - C. both A & B. This returns to pre-covid-like rules, with the added hybrid participation for discussion and contributions. 4
 - D. no change. Continue to allow gaining/maintaining voting rights and casting votes remotely. 14
 - Had the 802.1 Executive Secretary summarize information about the Jan 2026 (slide 41), May 2026 (slide 42), Sep 2026 (slide 43), and Jan 2027 (slide 44) interim sessions.
 - Had the 802.1 Executive Secretary summarize the schedule for future interim (slide 45) and plenary (slide 46) sessions, which remained unchanged from the opening plenary meeting.
 - Conducted the following straw polls (slide 43)
 - 1. Would you like to come back to this venue?
 - Yes – 18 No – 5 Abstain – 2 Did not respond – 15
 - 2. Did you go to the social?
 - Yes – 18 No – 2 Abstain – 3 Did not respond – 18
 - 3. Did you like the social?
 - Yes – 14 No – 2 Abstain – 6 Did not respond – 19
 - Provided the anticipation of next actions with respect to projects in the WG’s current workload (slide 48).
 - Showed the 802.1 plenary session schedule (slide 49) noting the YANGsters meeting had to be canceled.
 - Requested that the subgroup Chairs provide reports on the activities of their subgroups during this plenary session (slide 50) (see individual subgroup minutes above for details):
 - The Chair presented the report on slide 51.
 - The Maintenance TG Chair presented the report on slides 52-54.
 - The Security TG Chair presented the report on slide 55.
 - The IEC/IEEE 60802 Joint Project Chair and the TSN TG Chair presented the report on slide 56.
 - The Nendica Vice Chair presented the report on slides 57-58.

- Introduced the promotion work of the WG (slide 59) and had the TSN TG Chair provide a verbal update on issuing LinkedIn posts in the short term and blog posts by March 2026 for IEEE Stds 802.1DG and 802.1DP/SAE 6675
- Summarized public visibility encouraging anyone to volunteer as coordinator for 802.1 (slide 60).
- Had the Liaison Secretary summarize liaison resources (slide 61), review incoming liaisons reviewed at this session (slide 62), summarize and lead the final review of the set of draft outgoing liaisons updated as finalized and voted (slide 63 and motion slides).
- Summarized discussion during the ITU Coordination meeting held this week (slide 64).
- Provided guidance on using DirectVoteLive to vote on motions (slide 65).
- Following 15:15 – 15:47 recess, showed the 802.1 consent agenda items for the LMSC closing plenary meeting (slides 66-68).
- Conducted votes on the following motions (slides 69-122) that all passed unless indicated otherwise. (Supporting information is available in “Closing Plenary November 2025” finalized as <https://www.ieee802.org/1/files/public/minutes/2025-11-closing-plenary-slides.pdf>.)

Motions for 802 LMSC Consent Agenda PARs to NesCom

- Motion
 - Approve forwarding P802.1AEef PAR documentation in <https://www.ieee802.org/1/files/public/docs2025/ef-ascon-macsec-cipher-suite-PAR-1125-v00.pdf> to NesCom
 - Approve CSD documentation in <https://www.ieee802.org/1/files/public/docs2025/ef-ascon-macsec-cipher-suite-CSD-1125-v00.pdf>
 - In the WG, Proposed: Seaman Second: Randall
 - PAR (y/n/a): 20, 0, 3
 - CSD (y/n/a): 20, 0, 3
- Motion
 - Approve forwarding P802.1AReg PAR documentation in <https://www.ieee802.org/1/files/public/docs2025/eg-ml-dsa-PAR-1125-v01.pdf> to NesCom
 - Approve CSD documentation in <https://www.ieee802.org/1/files/public/docs2025/eg-ml-dsa-CSD-1125-v00.pdf>
 - In the WG, Proposed: Seaman Second: Randall
 - PAR (y/n/a): 21, 0, 3
 - CSD (y/n/a): 21, 0, 3
- Motion
 - Approve forwarding P802.1CBec PAR modification documentation in <https://www.ieee802.org/1/files/public/docs2025/ec-PAR-modification-1125-v01.pdf> to NesCom
 - Approve CSD modification documentation in <https://www.ieee802.org/1/files/public/docs2025/ec-CSD-modification-1125-v01.pdf>
 - In the WG, Proposed: János Farkas, Second: Johannes Specht
 - PAR (y/n/a): 22, 0, 2
 - CSD (y/n/a): 22, 0, 2

**Motions for 802 LMSC
Consent Agenda
Drafts to SA Ballot**

- Motion
 - Conditionally approve sending P802.1ASds D2.0 to Standards Association ballot
 - Confirm the CSD for P802.1ASds in <https://mentor.ieee.org/802-ec/dcn/21/ec-21-0308-00-ACSD-p802-1asds.pdf>
 - P802.1ASds D1.5 had 95% approval at the end of the last WG ballot
 - In the WG, Proposed: János Farkas, Second: Silvana Rodrigues
 - Sending draft (y/n/a): 23, 0, 0 (reconsidered)
 - CSD (y/n/a): 22, 0, 0
- Motion
 - Reconsider motion to conditionally approve sending P802.1ASds D2.0 to Standards Association ballot
 - Proposed: Silvana Rodrigues, Second: János Farkas
 - Reconsider (y/n/a): 19, 0, 1
- Motion
 - Approve sending P802.1ASds D2.0 to Standards Association ballot
 - Confirm the CSD for P802.1ASds in <https://mentor.ieee.org/802-ec/dcn/21/ec-21-0308-00-ACSD-p802-1asds.pdf>
 - P802.1ASds D1.5 had 95% approval at the end of the last WG ballot
 - In the WG, Proposed: János Farkas, Second: Silvana Rodrigues
 - Sending draft (y/n/a): 22, 0, 0
 - CSD (y/n/a): 22, 0, 0 (as previously voted)
- Motion
 - Approve sending P802.1Qdq D2.0 to Standards Association ballot
 - Confirm the CSD for P802.1Qdq in <https://mentor.ieee.org/802-ec/dcn/21/ec-21-0098-00-ACSD-p802-1qdq.pdf>
 - P802.1Qdq D1.3 had 100% approval at the end of the last WG ballot
 - In the WG, Proposed: Nader Zein, Second: Hiroki Nakano
 - Sending draft (y/n/a): 17, 2, 3
 - CSD (y/n/a): 15, 2, 3
- Motion
 - Approve sending P802.1AB-2016-Rev D2.0 to Standards Association ballot
 - Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality
 - P802.1AB-2016-Rev D1.1 had 100% approval at the end of the last WG ballot
 - In the WG, Proposed: Paul Bottorff, Second: Mark Hantel
 - Sending draft (y/n/a): 18, 0, 1

**Motions for 802 LMSC
Consent Agenda
Drafts to RevCom**

- Motion
 - Approve sending P802.1AS-2020-Rev D2.1 to RevCom
 - Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality

- P802.1AS-2020-Rev D2.1 had 98% approval at the end of the last SA recirculation ballot
- In the WG, Proposed: Silvana Rodrigues, Second: Mark Hantel
 - Sending draft (y/n/a): 22, 0, 0
- Motion
 - Conditionally approve sending P802.1CB-2017/Cor1 to RevCom
 - Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality
 - P802.1CB-2017/Cor1 D2.0 had 96% approval at the end of the last SA ballot
 - In the WG, Proposed: Christophe Mangin, Second: Mark Hantel
 - Sending draft (y/n/a): 21, 0, 0
- Motion
 - Approve sending P802.1ASed D3.2 to RevCom
 - Approve CSD documentation in <https://mentor.ieee.org/802-ec/dcn/24/ec-24-0191-00-ACSD-p802-1ased.pdf>
 - P802.1ASed D3.2 had 100% approval at the end of the last SA recirculation ballot
 - In the WG, Proposed: János Farkas, Second: Nader Zein
 - forwarding draft to RevCom (y/n/a): 22, 0, 1
 - CSD (y/n/a): 22, 0, 1

Motions for 802 LMSC

Consent Agenda

Liaisons and external communications (ME)

- Motion
 - Approve Sending standard(s) to ISO/IEC JTC1 SC6 for information under the PSDO agreement, when SA ballot starts:
 - IEEE P802.1Qdq, IEEE P802.1ASds, IEEE P802.1AB-Rev, IEEE P802.1X-2020/Cor1
 - In the WG, Proposed: Mark Hantel Second: Karen Randall
 - Sending draft (y/n/a): 20, 0, 2
- Motion
 - Approve Sending standard(s) to ISO/IEC JTC1 SC6 for adoption under the PSDO agreement, when published:
 - IEEE Std 802.1AS-Rev, IEEE Std 802.1ASed, IEEE Std 802.1CB/Cor1
 - In the WG, Proposed: Mark Hantel Second: Karen Randall
 - Sending draft (y/n/a): 19, 0, 0
- Motion
 - Approve <https://www.ieee802.org/1/files/public/docs2025/liaison-response-itu-t-JCA-RoadmapIMT2020-1125.pdf> as communication to ITU-T JCA on LS18: LS on Invitation to update the information in the IMT2020 and beyond roadmap, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
 - This approval is under LMSC OM “Procedure for public statements to government bodies”
 - In the WG, Proposed: Mark Hantel Second: Karen Randall
 - (y/n/a): 23, 0, 0

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

- Motion
 - Approve sending <https://www.ieee802.org/1/files/public/docs2025/liaison-IEEE1588-sharing-P1588h-1125.pdf> as communication, to the IEEE 1588 Working Group, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
 - Proposed: János Farkas
 - Second: Stephan Kehrer
 - In the WG (y/n/a): 22, 0, 1
- Motion
 - Approve sending <https://www.ieee802.org/1/files/public/docs2025/liaison-response-UEC-LiaisonCoordinationwithUEC-1125.pdf> as communication, to the Ultra Ethernet Consortium (UEC), granting the IEEE 802.1 WG chair (or his delegate) editorial license.
 - Proposed: Johannes Specht
 - Second: Paul Congdon
 - In the WG (y/n/a): 23, 0, 0
- Motion
 - Approve sending <https://www.ieee802.org/1/files/public/docs2025/liaison-response-UEC-CongestionSignalingCSIG-1125.pdf> as communication, to the Ultra Ethernet Consortium (UEC), granting the IEEE 802.1 WG chair (or his delegate) editorial license.
 - Proposed: Johannes Specht
 - Second: Paul Congdon
 - In the WG (y/n/a): 20, 0, 1
- Motion
 - Approve sending <https://www.ieee802.org/1/files/public/docs2025/liaison-response-JASPAR-TimeSyncProfile-1125.pdf> as communication, to the Japan Automotive Software Platform and Architecture (JASPAR), granting the IEEE 802.1 WG chair (or his delegate) editorial license.
 - Proposed: János Farkas
 - Second: Stephan Kehrer
 - In the WG (y/n/a): 21, 0, 0

The Chair showed slide 67 highlighting three motions taken off the LMSC consent agenda and one motion (the latter) added to the LMSC agenda.

**Administrative
WG Motions**

- Motion
 - 802.1 approves:
 - July 2025 (plenary) session minutes:
 - <https://www.ieee802.org/1/files/public/minutes/2025-07-minutes.pdf>
 - September 2025 (interim) session minutes:

- <https://www.ieee802.org/1/files/public/minutes/2025-09-minutes.pdf>
- Proposed: Jessy Rouyer
- Seconded: Johannes Specht
- Approved by acclamation
- 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

Future meetings table

Subgroup	Topic	Date	Time	Recurrence	Date	Agenda	Agenda	Access Information
					announcements (days prior)			
YANGsters	per agenda	Tue 2025-11-18	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/
Maintenance TG	per agenda	Mon 2026-03-09	8:00 - 10:00 (local)	none	motion	14 days	https://1.ieee802.org/category/maintenance-tg-agenda/	https://1.ieee802.org/meetings/
Security TG	per agenda	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 2026-03-09	8:00 - 10:00 (local)	none	motion	14 days	https://1.ieee802.org/category/tsn-tg-agenda/	https://1.ieee802.org/meetings/
TSN TG	per agenda	Mon 2025-11-24	10:00 - 12:00 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
Nendica	per agenda	Thu 2025-12-11	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/

- Motion
 - 802.1 WG approves to hold an 802.1 interim session, co-located with the 802.3 WG, September 14-17, 2026, in Lisbon, Portugal hosted by Ethernet Alliance as in-person session with provisions to support mixed mode.
 - Proposal in iee802.org/1/files/public/docs2025/admin-kehrer-Sep2026-interim-proposal-1125-v01.pdf
 - Proposed: Stephan Kehrer Seconded: János Farkas
 - Yes: 20 No: 1 Abstain: 2
- Motion
 - 802.1 WG approves to hold an 802.1 interim session, co-located with the IEEE 802 Wireless WGs, Jan 11-14, 2027, in Irvine, California, USA, hosted by the IEEE 802 Wireless WG, as an in-person session with provisions to support mixed mode.
 - Proposed: Stephan Kehrer Seconded: János Farkas
 - Yes: 19 No: 2 Abstain: 2

**Nendica
WG Motions**

**YANGsters
WG Motions**

**Maintenance TG
WG Motions**

- Motion
 - 802.1 WG authorizes Jessy Rouyer, the Editor of P802.1AC-2016-Revision – MAC Service Definition, to prepare drafts for and conduct Working Group balloting.
Note: other WGs will be made aware of this ballot so they can comment on the text, including their convergence functions
 - Proposed: Mark Hantel
 - Second: Jessy Rouyer
 - In the WG (y/n/a): 22, 0, 0

**Security TG
WG Motions**

- Motion
 - Authorize the editor of P802.1AE-2018-Rev, Mick Seaman, to prepare drafts for and conduct Task Group balloting.
 - Proposed: Karen Randall
 - Second: Paul Bottorff
 - For: 21 Against: 0 Abstain: 0
- Motion
 - Authorize the editor of P802.1X-2020-Rev, Mick Seaman, to prepare drafts for and conduct Task Group balloting.
 - Proposed: Karen Randall
 - Second: Paul Bottorff
 - For: 21 Against: 0 Abstain: 0

- Motion
 - Authorize the editor of P802.1AR-2018-Rev, Mick Seaman, to prepare drafts for and conduct Task Group balloting.
 - Proposed: Karen Randall
Second: Paul Bottorff
 - For: 20 Against: 0 Abstain: 0
- Motion
 - Authorize the editor of P802.1AEef, Mick Seaman, to prepare drafts for and conduct Task Group balloting following approval of the PAR
 - Proposed: Karen Randall
Second: Paul Bottorff
 - For: 21 Against: 0 Abstain: 0
- Motion
 - Authorize the editor of P802.1AReg, Paul Bottorff, to prepare drafts for and conduct Working Group balloting following approval of the PAR
 - Proposed: Mick Seaman
Second: Karen Randall
 - For: 14 Against: 4 Abstain: 3

TSN TG WG Motions

- Motion
 - 802.1 authorizes János Farkas, the Editor of P802.1Qee Standard for Local and Metropolitan Area Networks: Bridges and Bridged Networks – Amendment: Traffic Engineering for Bridged Networks that include Wireless Technologies to prepare drafts for and conduct Task Group balloting.
 - Proposed: Stephan Kehrer
 - Second: Jessy Rouyer
 - In the WG (y/n/a): 20, 0, 1
- Called for Any Other Business (slide 125).
 - The Chair encouraged participants to register for the Jan 2026 interim session to be held in Austin, TX, USA.
 - No other business was discussed in this meeting.

17:51 ET adjournment

11 Next Session

Jan 19-22, 2026 mixed mode interim session in Austin, TX, USA.