

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
 - 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 Jul 28, 2025 at 11:30 CEST by the Chair who presided. The Recording Secretary wrote the minutes.

The Chair presented “Opening Plenary July 2025” finalized as <http://www.ieee802.org/1/files/public/minutes/2025-07-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 meeting times offset by one hour from previous plenary sessions to accommodate local meal period (slide 26) and about food and social logistics, highlighting presentation of the 2025 IEEE Charles Proteus Steinmetz award to recipient Paul Nikolich (slide 27).
- Provided general information regarding meeting contributions (requested to be uploaded 24 hours prior to presentation), minutes, schedule for all Working Groups, website (slide 28).
- Introduced 802.1 officers and leadership (slide 29) calling for a volunteer to step up as IEC/IEEE 60802 Joint Project Secretary.
- Reviewed the list of editors for current projects (slide 30).
- Discussed 802.1 WG Process (slide 31) 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 32) 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 33), keeping affiliation and employer data updated (slide 34), electronic ballots (ePolls) conducted between sessions (slide 35), requesting and retaining voting membership (slide 36), and responding to WG ballot series (including ePolls) as well as regarding the consequences of not responding to WG ballot series (including ePolls) (slide 37).
- Reviewed the list of 802.1 voters (slide 38), including information about individuals who may gain (slides 39 and 40) or lose (slides 41 and 42) 802.1 voting membership.
- Reminded individual participants of 802.11 reciprocal credit (slide 43) and 802.3 reciprocal credit (slide 44) at this session.
- Had Stephan Kehrer, Executive Secretary, introduce information about:
 - The Sep 2025 interim session (slide 45). The event organizers provided a verbal update.
 - The Jan 2026 interim session (slide 46).
 - The May 2026 interim session (slide 47).
 - The Sep 2026 interim session (slides 48-49).
- Had the Executive Secretary provide an overview of the schedule for future interim sessions (slide 50):
 - September 2025
 - Hosted by Huawei as in-person session with provisions to support mixed mode
 - Date: Sep 16-19, 2025
 - Location: Düsseldorf, Germany
 - 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 Wireless Group
 - Date: Sep 14-17, 2026
 - Location: Waikoloa, HI, USA
 - Offer to host by Rockwell Automation in Cleveland, OH, USA
 - Date: Sep 14-17, 2026
 - Location: Cleveland, OH, USA
- Provided an overview of the schedule for future plenary sessions (slide 51):
 - November 9-14, 2025 – Bangkok, Thailand
 - Marriot Marquis Queen's Park
 - 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 – Atlanta, GA, United States
 - Hilton Atlanta
 - Different venue and city are expected to be selected.
 - Jul 11-16, 2027 – Gothenburg, Sweden
 - Gothia Towers
 - Nov 14-19, 2027 – Oahu, HI, USA
 - Hawaiian Village
- Provided pointers to the LMSC schedule of EC/WG/TAG meetings to be held during this plenary session (slide 52).
- Reported the following items out of the 802 Executive Committee (EC) plenary session #139 (slide 53):
 - Fee Waivers granted
 - New appointments at Friday LMSC
 - new recording secretary - Beth Kochuparambil, new IETF SC chair – Robert Stacey
 - PQC [SG](#) in 802.11, Ethernet metadata [CFI](#) in 802.3
 - 802 history ad hoc (Tues noon)
 - 802 rules ([EC-25-139](#))
 - attendance in-person to gain voting rights, associate positions
 - Venues ([EC-25-138](#))
 - July 2025 – 1036 attendees – with nearly 2/3 in-person
 - Finalizing contracts for venues into 2027
 - Treasurer ([EC-25-155](#))
 - Mar plenary had a small loss (\$170k) as planned to reduce reserves (currently at \$2.0M)
 - Workshop and other actions ([EC-25-93](#))
 - IEEE 802 scope, mixed-mode improvements, comment resolution process

- Introduced IEEE SA staff supporting IEEE 802 (slide 54):
 - 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
 - Jennifer Santulli
 - supporting 802.1 and 802.3 at the July Plenary
 - Senior Program Manager, Operational Program Management
- 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 55).
- Provided IEEE 802 program status pointers (slide 56).
- Provided information about public review (slide 57).
- Pointed out 802.1 PAR extensions, PAR and CSD (slide 58—intentionally excluding PARs to be submitted using the expedited review process) as well as 802.3 and 802.11 PARs and CSDs, 802.11bi PAR extension (slide 59) that are up for vote or finalization during this IEEE 802 plenary session.
- Noted a tutorial on the IEEE 802 LMSC scheduled at this plenary session (slide 60).
- Had the Liaison Secretary present liaison resources (slide 61), the IEEE 802 liaison list (slide 62), the set of incoming liaisons to be handled by specific subgroups (slide 63) as well as the status of outgoing liaisons, either sent since the previous plenary session or to be completed (slide 64), and anticipated outgoing liaisons (slide 65).
- Summarized IETF coordination items (slide 66).
- Had the TSN TG Chair summarize the outcome of the IETF DetNet – IEEE 802.1 TSN workshop held Saturday Jul 26, 2025 (slide 67).
- Provided information about JTC1/SC6 coordination (slide 68), ITU coordination (slide 69—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 70).
- Discussed promotion of the work of the WG (slide 71), inviting interested parties to notify the Chair should they wish to participate in the “soft launch” of a TSN Implementer mark.
 - Additionally to the listed material, a blog post on security was suggested.
- Discussed 802.1 public visibility messaging (slide 72).
 - A post on the IEEE 802 LinkedIn regarding IEEE Std 802.1DG-2025 was suggested.
- 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 WG Chair Awards would be upcoming (slide 75).
- Provided the anticipation of next actions with respect to the projects in the WG’s current workload (slide 76).
- Reviewed the timeline for 802.1Q (slide 77) and 802.1AS (slide 78) revisions and amendments.

- Showed the 802.1 schedule for this plenary session (subsequently updated per <https://1.ieee802.org/july-2025-plenary-session-in-madrid-spain/>), which was tacitly approved (slide 79).
- Listed 802.1 leadership and editors' meetings (slide 80).
- Requested that subgroup agendas be presented (slide 81):
 - The Chair presented the joint 802.1 & 802.15 meeting agenda on slide 82.
 - The Maintenance TG Chair presented the agenda on slides 83-84.
 - The Security TG Chair presented the agenda on slide 85.
 - The TSN TG Chair presented the agenda on slide 86.
 - The Nendica Vice Chair presented the Nendica report on slides 87-89.
 - The YANGsters Chair presented the agenda on slide 90.
- Called for Any Other Business (slide 91).
 - No other business was discussed in this meeting.

13:45 CEST recess

4 802.1/802.15 Joint Meeting

Between this session and the Mar 2025 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 Jul 29, 2025 are on pages 17-18 of “802.15 WG & WNG & Joint 802.1/15 July 2025” <https://mentor.ieee.org/802.15/dcn/25/15-25-0398-00-0000-802-15-wg-wng-joint-1-15-minutes-july-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 2025-06-24 11:00 – 11:42 ET <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;3ec3d47c.25&S=>
- Minutes of the Maintenance TG meeting held 2025-07-01 11:02 – 13:03 ET (revised-date correction) <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;f9e09a1.25&S=>
- Minutes of the Maintenance TG meeting held 2025-07-22 11:00 – 13:04 ET <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;38e7ea6e.25&S=>

See section 1 for attendance and affiliation information.

Call to order Jul 28, 2025 at 17:00 CEST 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 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/july-2025-plenary-session-maintenance-tg-agenda/>.
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. The Chair gave a verbal update on P802.1AS-2020-Rev, P802.1CB-2017-Cor 1, P802.1ACea, P802.1AB-2016-Rev, P802.1AC-2016-Rev, and P802.1CB-2017-Rev.
Disposition: For information.
4. IEEE 802.1 PARs under Consideration. The Chair led a review of draft text for a corrigendum to 802.1X based on <https://www.ieee802.org/1/files/public/docs2025/new-van-der-putten-draft-802-1X-cor-PAR-0725-v01.pdf>.
Disposition: For information.
5. Liaison Report. Karen Randall, IEEE 802.1 Liaison Secretary, gave a verbal update on liaisons. Liaisons developed at the Mar 2025 plenary session were sent. New liaisons have been received from ISO/IEC JTC 1/SC6, BBF and ITU-T SG15.
Disposition: More discussion necessary.
6. Review of Maintenance Motions. The Chair reviewed and updated the anticipated maintenance motions for this plenary session's closing plenary meeting.
Disposition: For information.
7. Review of 802 PARs Under Consideration. The Chair presented and led the review of:
 - Draft PAR and CSD for P802.3dq – Amendment – Pin-Optimized PHY Interfaces;
 - Draft PAR and CSD for P802.11bt – Amendment – Post-Quantum Cryptography;
 - Draft PAR extension for P802.11bi – Amendment – Enhanced Service with Data Privacy Protection.**Disposition:** More discussion needed.
8. Review of Maintenance Items and next steps. The Chair led the discussion of maintenance item 378.
Disposition: The status of maintenance item 378 was updated.

9. P802.1CB-2017/Cor1 D1.1 Editor's Update. Christophe Mangin, P802.1CB-2017-Cor 1 editor, presented "Title" <https://www.ieee802.org/1/files/public/docs2025/cb-cor-1-mangin-d1-1-editors-report-0725-v01.pdf>.

Disposition: For information.

18:49 CEST recess.

Call to order Jul 29, 2025 at 9:00 CEST 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. P802.1ACea D1.3 Comment Resolution. Marco Hernandez, P802.1ACea editor, led the resolution of comments received on <https://www.ieee802.org/1/files/private/ea-drafts/d1/802-1ACea-d1-3.pdf>.

Disposition: Comments 12, 13, 14, 15, 44, 16, 45, 33, 38, 39, 34, 36, 17, 18, 19, 20, 27, 43, 40, 46, 47, 21, 22, 35, 29, 31, 33, 32, 36 and 30 resolved.

11. P802.1CB-2017-Revision Editor's Introduction. Christophe Mangin, P802.1CB-2017-Cor 1 editor, presented <https://www.ieee802.org/1/private/contrib/cb-rev-mangin-d0-0-overview-0725-v01.pdf>.

Disposition: For information.

11:00 CEST.recess

Call to order Jul 31, 2025 at 9:00 CEST 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. P802.1AB-2016-Revision D0.2 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/d0/802-1AB-2016-Rev-d0-2.pdf>.

Disposition: Comments 75, 71, 77, 76, 72, 74 and 73 resolved. Final disposition: <https://www.ieee802.org/1/files/private/ab-2016-rev-drafts/d0/802-1AB-2016-Rev-d0-2-dis-v01.pdf>.

13. P802.1Q-2022-Revision. Mick Seaman presented "P802.1Q-2022-Rev PICS Revision– Work in Progress" <https://www.ieee802.org/1/files/public/docs2025/q-2022-rev-seaman-pics-wip-ppt-0725.pdf>.

Disposition: More discussion needed.

14. Outgoing Liaison Review. Proposed liaison responses were reviewed as finalized in <https://www.ieee802.org/1/files/public/docs2025/liaison-response-itu-t-SG15-LS26-OTNTStdznWorkPlan35-0725.pdf>, <https://www.ieee802.org/1/files/public/docs2025/liaison-SC6CommentResponse802-0725.pdf>,

<https://www.ieee802.org/1/files/public/docs2025/liaison-SC6CommentResponseQdy-0725.pdf>, and <https://www.ieee802.org/1/files/public/docs2025/liaison-response-BBF705-YANG-0725.pdf>.

Disposition: For information.

15. New maintenance item review. The Chair led the discussion of maintenance items 389 and 391.

Disposition: The status of maintenance items 389 and 391 were updated.

16. Outstanding Maintenance item review. The Chair led the discussion of maintenance items 353, 368, 374, 388, and 378.

Disposition: The status of maintenance items 353, 368, 374, 388, and 378 were updated.

17. Any other business. No other business was discussed by the Maintenance TG in this session.

11:00 CEST adjournment

6 Security Task Group

Between this session and the preceding session, the IEEE 802.1 Security Task Group (Security TG) held electronic meetings whose minutes are incorporated to these session minutes by reference as follows:

- Minutes of the Security TG meeting held 2025-07-07 10:12 - 12:47 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;38a92174.25&S=>

See section 1 for attendance and affiliation information.

Call to order Jul 29, 2025 at 9:01 CEST 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/july-2025-plenary-session-security-tg-agenda/>.

Disposition: The agenda was reviewed, discussed and updated as recorded by these minutes. The presentation on EAP method updating for Post Quantum Computing would be taken first, under Any Other Business.

3. 802.11 and IETF EAP Method Update (EMU) for PQC. Peter Yee presented “EMU PQC for 802.1” <https://www.ieee802.org/1/files/public/docs2025/new-yee-IETFupdate-EMUPQC-0725.pdf>.

Discussion:

- PQC for EAP-TLS and EAP-TTLS work in progress.
- Based on RFC 9191. Recommendations: mandate hybrid/PQC for key exchange in EAP-TLS/TTLS; mandate PQC or hybrid certificates for authentication; use cert chain optimization to avoid fragmentation.
- Is there a specific benefit of hybrid, rather than full PQC? A stepping stone, in case there is a problem with the PQC algorithms. NSA is recommending going to pure PQC, Germany recommending hybrid, present direction is an option to do hybrid.
- Anticipate authentication result providing symmetric pairwise master key (as with existing EAP methods) for MKA CAK use. Need for AES-GCM-256 support.

Disposition: Security TG to keep aware of EMU development.

4. Revision of IEEE Stds 802.1X, 802.1AR, 802.1AE The Security TG Chair presented proposals for revision PARs:

- “Revision to IEEE Standard 802.1X-2020”
<https://www.ieee802.org/1/files/public/docs2025/x-2020-rev-draft-par-0725-v00.pdf>
- “Revision to IEEE Standard 802.1AR-2018”
<https://www.ieee802.org/1/files/public/docs2025/ar-2018-rev-draft-par-0725-v00.pdf>
- “Revision to IEEE Standard 802.1AE-2018”
<https://www.ieee802.org/1/files/public/docs2025/ae-seaman-802-1AE-2018-rev-draft-par-0425-v01.pdf>

Discussion:

- Revision would be timely, allowing completion of the projects prior to 10-year due dates.
- Approved Revision PARs would also allow the effect of ongoing maintenance on and possible amendments to the standards as a whole to be made available to the Working Group.
- Approval of the 802.1AE Revision PAR would allow roll-up of the base 802.1AE-2018 with the 802.1AEdk-2023 amendment.
- No CSD is necessary for these PARs, as they will not by themselves add new functionality although the drafts in progress may reflect the work in progress/proposed changes arising from maintenance PARs.

Disposition: Proposal is for these revision PARs to be submitted to the LMSC for expedited review processing and possible subsequent approval by IEEE SA NesCom in Sep 2025. Motion to be proposed in the 802.1 closing plenary meeting.

5. Proposed addition of ML-DSA (FIPS 204) DevID signature suites to 802.1AR. Paul Bottorff presented “802.1AR Amendment Proposal to Add ML-DSA Algorithms”

<https://www.ieee802.org/1/files/public/docs2025/new-bottorff-pqc-AR-amendment-pres-0725-v04.pdf>.

Discussion:

- Proposal to specify use of ML-DSA-87 general algorithm accepted in CNSA 2.0. FIPS 204. Required by security conscious users.
- Of interest to the Trusted Computing Group (TCG) for Trusted Platform Module (TPM) use.
- Noted 3 strengths of ML-DSA are options. Keep requirement to minimum.
- Need ML-DSA-87 highest strength and largest key. Lower strength options (ML-DSA-44, ML-DSA-55) may be useful for certain requirements/applications.
- Object identifiers specified by the IETF in LAMPS. Proposed to use those (divergence being undesirable). IETF LAMPS docs are in RFC editor queue.
- Copyright permission for use of text from the IETF RFC(s) will have to be sought.
- No YANG module in 802.1AR currently. Propose not to do YANG module in this amendment, limiting project scope. May want to consider.

Disposition: Proposal is for PAR and CSD development in the Sep 2025 interim session. Motion to be proposed in the closing 802.1 Plenary meeting.

6. MACsec over MPLS. Hooman Bidgoli led a brief discussion of the use of MACsec over carriers other than native Ethernet, such as MPLS.

Discussion:

- A related presentation (not given at this meeting) “MACsec Enhanced”
<https://www.ieee802.org/1/files/public/docs2025/new-bidgoli-macsec-enhanced-0725-v05.pdf> was posted prior to the meeting.

- Idea is not limited to MPLS, but to WAN carriers in general, where carrier part of the packet format does not need to be authenticated (not part of end-to-end communication), required to skip.
- Ethernet Data Encryption devices as already standardized in Clause 15 of the IEEE Std 802.1AEdk-2023 amendment already provide for carrying a MACsec protected frame over a service provider network (Provider Bridged Network, PBN) or (Provider Backbone Network, PBBN), with a VLAN TAG added prior to the MACsec SecTAG to support PBN/PBBN service selection and not protected as the service provider network could translate the VID of that service selecting TAG for its own purpose or modify the priority bits.
- Suggestion that UDP Port be allocated for carrying MKA in this application. Some surprise since if the MACsec frames are being carried over an arbitrary service capable of carrying Ethernet frames, then MKA could also be carried over such an Ethernet carrying service with no change to the MKA format. All carrier fields would be prior to the MACsec-protected SA and DA, which would be followed as usual immediately by the SecTAG.

Disposition: For further discussion. Use of the principles described in Clause 15 of 802.1AEdk-2023 may require additional explanation.

11:12 CEST recess

Call to order Jul 30, 2025 at 14:30 CEST by Mick Seaman, IEEE 802.1 Security TG Chair, who reminded participants that the meeting remains subject to the Policies mentioned in agenda item 1 and repeated the call for patents.

7. MACsec Ascon Cipher Suite. Mick Seaman presented his individual contribution “Suggestion for amendment to IEEE Std 802.1AE” <https://www.ieee802.org/1/files/private/ef-drafts/new-seaman-macsec-ascon-ciphersuite-0425-v01.pdf> for a proposed Ascon Cipher Suite for MACsec, as previously presented in the Sep 2025 interim session in Rennes, France, and the Jul 7, 2025 Security TG electronic meeting.

Discussion:

- Thought about just using integrity checking, instead of using AEAD for integrity only, but unlikely to save much if any effort.
- PQC question: Ascon AEAD-128 considered safe for its application space, by Grover’s algorithm, the quantum complexity is a square root of the classic complexity, but the cost (simple multiplier constant) for quantum complexity is high. No intent to standardize Ascon-160.

Disposition: Proposed PAR development in the Sep 2025 interim session, informally agreed, none dissenting.

8. Any Other Business

8.1 MACsec/MKA use in automotive applications. Isaac Molina and Guillermo Oliver presented “Automotive MKA v4: Explicit SSCI” <https://www.ieee802.org/1/files/public/docs2025/x-molina-mka-explicit-ssci-0725-v01.pdf>.

Mick Seaman presented “Tweaking MACsec Cipher Suites”

<https://www.ieee802.org/1/files/public/docs2025/new-seaman-tweaking-macsec-ciphersuites-ppt-0725-v0.pdf>.

Discussion:

- Explicit SSCI proposal aimed at avoiding unnecessary key updates, to facilitate fast group formation and reformation.

- Tweakable Cipher Suite proposal also aimed at minimizing unnecessary key updates, avoiding any replay of prior MACsec protected data to new participants, overlapping actions as much as possible to speed necessary changes to prevent replay.
- Both proposals need 3-way participant-Key Server exchange for proof of liveness for new participants.
- 16:30 -17:00 CEST recess
- Difficulty in meeting existing 50 millisecond constraints without any changes may be due to particular implementations issues. Need to examine both those issues and the choice of 50 milliseconds.

Disposition: For further discussion.

8.2 Ethernet Link Security for Data Center Interconnection. The Security TG Chair drew the meeting's attention to the presentation and discussion in Nendica on the previous day.

9. Future meetings/teleconferences. The Security Task Group will meet during the Sep 2025 interim session in Düsseldorf, Germany. There are no plans to meet during the Nov 2025 plenary session in Bangkok, Thailand.

17:20 CEST 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 2025-06-16, 11:00 – 11:20 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;c9d79979.25&S=>
- Minutes of the TSN TG meeting held 2025-06-30, 11:00 – 13:00 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;b065a2f0.25&S=>
- Minutes of the TSN TG meeting held 2025-07-07, 11:00 – 13:00 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;6016da77.25&S=>
- Minutes of the TSN TG meeting held 2025-07-14, 11:00 – 12:05 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;d4e435af.25&S=>
- Minutes of the TSN TG meeting held 2025-07-21, 11:00 – 12:36 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;7b6c02d7.25&S=>

Between this session and the preceding session, the IEEE 802.1 Time-Sensitive Networking (TSN) Task Group (TG) did not hold electronic meetings on P802.1DG.

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 2025-06-25 10:00 – 12:05 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;1d03face.25&S=>
- Minutes of the IEEE P802.1DP/SAE AS6675 meeting held 2025-07-09 10:00 – 10:41 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;627b700.25&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 Jul 28, 2025 at 9:00 CEST 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/2025-07-plenary-tsn-agenda/>.

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

3. Silvana Rodrigues, P802.1ASds editor, led the resolution of comments received on <https://www.ieee802.org/1/files/private/asds-drafts/d1/802-1ASds-d1-2.pdf>.

Disposition: Final disposition: <https://www.ieee802.org/1/files/private/asds-drafts/d1/802-1ASds-d1-2-dis-v00.pdf>.

4. Johannes Specht and Alon Regev presented “Individual Contribution to P802.1ASds” <https://www.ieee802.org/1/files/private/asds-drafts/d1/ds-specht-regev-cl-7-3-and-11-0725-v01.pdf>, “Individual Contribution to P802.1ASds” <https://www.ieee802.org/1/files/private/asds-drafts/d1/ds-specht-regev-fde-0725-v01.pdf>, and “P802.1ASds: Merging clause 19 into clause 11, and beyond” <https://www.ieee802.org/1/files/public/docs2025/ds-specht-cl11-cl19-merge-proposal-0725-v01.pdf>.

Disposition: Presentation discussed.

11:10 CEST recess

Call to order Jul 28, 2025 at 14:30 CEST by János Farkas, IEEE 802.1 TSN TG Chair (Chair), who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the minutes.

5. The Chair presented incoming liaisons and communication:

- “LS on consent of draft new Recommendation ITU-T Y.3219 (ex Y.FMSC-det) “Fixed, mobile and satellite convergence – Deterministic networking for IMT-2020 networks and beyond”” <https://www.ieee802.org/1/files/public/docs2025/liaison-itu-t-SG13-LS21-RecY3219FMSCdet-0425.pdf>.
- “LS/r on work items related to deterministic networking in SG13 (reply to IEEE 802.1-LS79)” <https://www.ieee802.org/1/files/public/docs2025/liaison-itu-t-SG13-LS35-DetermNetwrking-0425.pdf>.
- “LS on Consented and Agreed Recommendations” <https://www.ieee802.org/1/files/public/docs2025/liaison-itu-t-SG15-LS31-ConsentedandAgreedRecs-0425.pdf>.
- “LS on IM/DM modelling coordination” <https://www.ieee802.org/1/files/public/docs2025/liaison-itu-t-SG15-LS32-IMDMModellingCoord-0425.pdf>.
- “Access to IEC/IEEE 60802 Draft 3.4 & referenced draft standards” <https://www.ieee802.org/1/files/public/docs2025/liaison-OPCFoundation-accessdrafts-0725.pdf>.

Disposition: Liaisons discussed. Further discussion needed.

6. Takumi Nomura presented “Proposal of Time Sync Automotive Profile as IEEE 802.1DG Amendment” <https://www.ieee802.org/1/files/public/docs2025/liaison-JASPAR-dg-amendment-time-sync-profile-0725-v01.pdf>.

Disposition: Presentation discussed.

7. The Chair presented draft motions for the closing plenary meeting.

Disposition: Draft motions reviewed.

8. Abdul Jabbar, P802.1ASed editor, led the resolution of comments received on <https://www.ieee802.org/1/files/private/ased-drafts/d2/802-1ASed-d2-2.pdf>.

Disposition: Partial **Disposition:** <https://www.ieee802.org/1/files/private/ased-drafts/d2/802-1ASed-d2-2-pdis-v02.pdf>.

16:30 CEST recess

Call to order Jul 29, 2025 at 11:30 CEST by János Farkas, IEEE 802.1 TSN TG Chair (Chair), who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the minutes.

9. 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.

10. Abdul Jabbar presented “P802.1DP/AS6675 status update”.

Disposition: Presentation discussed.

11. Nader Zein presented “TSN Profile for Terrestrial Space and Multi Orbits Satellite to Satellite Communications” <https://www.ieee802.org/1/files/public/docs2025/new-zein-TSN-Profile-for-Terrestrial-Space-and-Multi-Orbits-Satellite-to-Satellite-Communications-0725.pdf>.

Disposition: Presentation discussed.

12. Abdul Jabbar, P802.1ASed editor, continued the resolution of comments received on <https://www.ieee802.org/1/files/private/ased-drafts/d2/802-1ASed-d2-2.pdf>.
Disposition: Final disposition: <https://www.ieee802.org/1/files/private/ased-drafts/d2/802-1ASed-d2-2-dis-v01.pdf>.
13. Discussion on P802.1ASds restructuring.
Disposition: Further discussion needed.
14. Martin Mittelberger presented “802.1DD Proposal of Draft 1.2 Structure”
<https://www.ieee802.org/1/files/public/docs2025/dd-mittelberger-et-al-d1-2-proposal-0725-v01.pdf>.
Disposition: Presentation discussed. Further discussion needed.

13:30 – 14:30 CEST recess

15. Hiroki Nakano, P802.1Qdq editor, led the resolution of comments received on <https://www.ieee802.org/1/files/private/dq-drafts/d1/802-1Qdq-d1-2.pdf>.
Disposition: Disposition per agenda item 25.
16. Mick Seaman presented “Qdw– Why we need to think again”
<https://www.ieee802.org/1/files/public/docs2025/dw-seaman-think-again-0725-v00.pdf>.
Disposition: Presentation discussed.
17. Lihao Chen, Ramesh Sivakolundu, and Lily Lyu presented “SFC consideration and design”
<https://www.ieee802.org/1/files/public/docs2025/dw-chen-sfc-consideration-and-design-0725-v01.pdf>.
Disposition: Presentation discussed. Contributions invited on analyzing what use cases SFC is meaningful for and providing comparison data to determine whether SFC is better (or not) than other technologies that can be used to achieve the same result.

16:30 CEST recess

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

18. 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.
19. The Chair led the resolution of comments
<https://www.ieee802.org/1/files/public/docs2025/60802-PAR-extension-comments-0725-v01.pdf> received on the draft IEC/IEEE 60802 PAR extension
<https://www.ieee802.org/1/files/public/docs2025/60802-PAR-extension-0725-v01.pdf>.
Disposition: No comments, draft PAR extension unchanged.
20. The Chair led the resolution of comments
<https://www.ieee802.org/1/files/public/docs2025/dq-PAR-extension-comments-0725-v00.pdf> received on the draft P802.1Qdq PAR extension
<https://www.ieee802.org/1/files/public/docs2025/dq-draft-PAR-extension-0525-v01.pdf>.
Disposition: Comment responses: <https://www.ieee802.org/1/files/public/docs2025/dq-PAR-extension-comments-responses-0725-v01.pdf>. Updated draft PAR extension: <https://www.ieee802.org/1/files/public/docs2025/dq-PAR-extension-0725-v01.pdf> (further updated post-session as <https://www.ieee802.org/1/files/public/docs2025/dq-PAR-extension-0725-v02.pdf>).

21. The Chair led the resolution of comments

<https://www.ieee802.org/1/files/public/docs2025/ee-PAR-CSD-comments-0725-v00.pdf> received on the draft P802.1Qee PAR <https://www.ieee802.org/1/files/public/docs2025/ee-draft-PAR-0525-v01.pdf> and CSD <https://www.ieee802.org/1/files/public/docs2025/ee-draft-CSD-0525-v01.pdf>.

Disposition: Comment responses: <https://www.ieee802.org/1/files/public/docs2025/ee-PAR-CSD-comments-responses-0725-v01.pdf>. Updated draft PAR: <https://www.ieee802.org/1/files/public/docs2025/ee-PAR-0725-v01.pdf>. Updated draft CSD: <https://www.ieee802.org/1/files/public/docs2025/ee-CSD-0725-v01.pdf>.

22. The Chair led the development of “Liaison response to LS 35 on work items related to deterministic networking in SG13” finalized as

<https://www.ieee802.org/1/files/public/docs2025/liaison-response-itu-t-SG13-LS35-DetermNetwrking-0725-v01.pdf>.

Disposition: Draft outgoing liaison developed.

13:45 CEST recess

Call to order Jul 31, 2025 at 11:30 CEST by János Farkas, IEEE 802.1 TSN TG Chair (Chair), who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the minutes.

23. 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.

24. Andreas Meisierger presented “802.1DD MSRP-like Architecture”

<https://www.ieee802.org/1/files/public/docs2025/dd-meisinger-msrp-like-architecture-0525-v01.pdf>.

Disposition: Presentation discussed.

25. Hiroki Nakano, P802.1Qdq editor, continued the resolution of comments received on <https://www.ieee802.org/1/files/private/dq-drafts/d1/802-1Qdq-d1-2.pdf>.

Disposition: Final disposition: <https://www.ieee802.org/1/files/private/dq-drafts/d1/802-1Qdq-d1-2-dis-v01.pdf>.

12:30 CEST 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 2025-06-02 9:00 - 11:00 ET <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;95cd937c.ex>

See section 1 for attendance and affiliation information.

Call to order Jul 30, 2025 at 17:00 CEST by János Farkas, IEEE 802.1 TSN TG Chair (TSN TG Chair). 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 announced that the meeting is subject to these Policies as read and displayed at the opening plenary meeting.
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/2025-07-plenary-tsn-agenda/>.
Disposition: The agenda was reviewed, discussed, and updated as recorded by these minutes.
3. IEC/IEEE 60802 status update. The 60802 Chair reported that FDIS preparation is ongoing and will provide more details in the next session.
Disposition: For information.
4. Brainstorming on a potential amendment to IEC/IEEE 60802. Dieter Proell presented “IA-Controller — Cloud Solution — Configuration Domain”
<https://www.ieee802.org/1/files/public/docs2025/60802-Steindl-Proell-IA-Controller-ConfDomain-Cloud-0725-v01.pdf>.
Disposition: More discussion needed.

19:00 CEST 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 2025-06-12 09:00-11:00 ET (revised)
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;1286da8f.ex>.
- Minutes of the Nendica meeting held 2025-06-26 09:00-11:00 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;4b31de4b.ex>.
- Minutes of the Nendica meeting held 2025-07-10 09:00-11:00 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;72ee7ed7.ex>.
- Minutes of the Nendica meeting held 2025-07-24 09:00-11:00 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;64fa3547.ex>.

See section 1 for attendance and affiliation information.

Call to order Jul 30, 2025 at 09:00 CEST by Johannes Specht, IEEE 802 Nendica Vice Chair (Chair) who presided. Dieter Proell, acting IEEE 802 Nendica secretary (Secretary) 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-2025-07-30/>.
3. Minutes. The Chair reviewed the draft “Minutes of the Nendica meeting held 2025-07-24 09:00-11:00 ET” <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;64fa3547.25>.
Disposition: It was agreed (informally, none dissenting) to approve the minutes.
4. Nendica Organization. Finalize Nendica ICCOM report 2025 802.1-25-0009.
Disposition: It was agreed (informally, none dissenting) to approve, subject to deletion of embedded editorial notes, the 2025 Nendica ICCOM report (Rev. 3)
https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2025&is_dcn=0009.
5. AICN Study Item.
Lily Lyu presented “Proposed draft liaison statement from 802.1 WG to UEC”
<https://www.ieee802.org/1/files/private/liaison-drafting/draft-liaison-UEC-coordination-0725-v01.docx>.
Disposition: Presentation discussed and revised as
<https://www.ieee802.org/1/files/private/liaison-drafting/draft-liaison-UEC-coordination-0725-v02.docx>.
Jieyu Li presented “Followup discussion of Ethernet Link Security for Data Center Interconnection”
https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2025&is_dcn=0014.
Disposition: Presentation discussed. Further discussion needed.
Jieyu Li presented “Discussion of Switch-Controlled Packet-level Load Balancing Solutions”
https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2025&is_dcn=0013.
Disposition: Presentation discussed. Further discussion needed.
6. Vetting and New Topics. No activity.
7. Next meeting. Nendica intends to meet next electronically on Aug 21, 2025 9:00-11:00 ET.
8. Other Business. The Chair presented “Report for 802.1 Closing Plenary” Rev. 0
https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2025&is_dcn=0012.
Disposition: It was agreed (informally, none dissenting) to approve the revised report (Rev. 1).

11:05 CEST 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 2025-07-01 10:00 –11:03 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;6bec862.25&S=>
- Minutes of the YANGsters meeting held 2025-07-15 10:00 –10:26 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;775ea9c2.25&S=>

See section 1 for attendance and affiliation information.

Call to order Jul 29, 2025 at 17:00 CEST by 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 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 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/july-2025-plenary-session-yangsters-agenda/>.

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

3. Introduction to YANGsters. The YANGsters Chair presented the “Introduction” slide of “YANGsters” <https://www.ieee802.org/1/files/public/docs2025/yangsters-smansfield-madrid-status-0725-v02.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 5 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. Pattern. The YANGsters Chair presented the topic and led the discussion.

- IETF and IEEE 802 YANG currently use different patterns to represent MAC addresses.
- This was discussed during the joint IETF-IEEE 802 Coordination meeting on Jul 26, 2025. During the discussion it was suggested to implement the previously suggested remedy, allowing both representations.
- An example of this can be found at <https://github.com/samans/testing-yang/tree/main/mac>.

Disposition: for information.

6. 1X Cor YANG. The YANGsters Chair presented the topic and led the discussion.

- Currently the augmentation of “interfaces” in `ieee802-dot1x.yang` does not allow further augmentation by other organizations.
- An approach that would allow such further augmentation, by using “derived-from-or-self” in the `ieee802-dot1x.yang` module, was presented pre-session.
- This approach has been previously discussed in the IEEE 802.1 Maintenance TG and is backward compatible.

- An example of how this approach could be implemented can be found at <https://github.com/YangModels/yang/tree/main/experimental/ieee/802.1>.
- It was pointed out that additional IEEE 802.1 modules, other than ieee802-dot1x.yang, might have the same issue. It was recommended to check the other IEEE 802.1 modules and apply the same update, if they are found to use the same construct by leveraging the IEEE 802.1 Maintenance TG process.

Disposition: For information.

7. IEEE 802.3 YANG Update. The YANGsters Chair provided an overview of the topic.
 - IEEE 802.3 is discussing to move the creation of YANG modules related to IEEE 802.3 documents to a Tier 3 IEEE Open Source project.
 - Information on the IEEE 802.3 YANG Open Source Project Ad Hoc activities can be found at https://www.ieee802.org/3/ad_hoc/YANGOS/index.html.

Disposition: For information.

8. Elevate YANGsters to a LMSC Standing Committee Discussion. The YANGsters Chair presented the topic and led the discussion.
 - Currently YANGsters in an IEEE 802.1 subgroup.
 - It is being discussed to elevate YANGsters to an IEEE 802 Standing Committee to emphasize that it is an 802-wide activity.
 - Information on standing committees can be found at <https://grouper.ieee.org/groups/802/802SC.shtml>.
 - YANGsters would continue to operate after the creation of an IEEE 802 YANG SC.

Disposition: For information.

9. Request for Next Calls. Intersession YANGsters electronic meetings would be held every other week, starting Tuesday, Aug 12, 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.
10. Any Other Business. No other business was discussed by YANGsters in this session.

17:44 CEST adjournment

10 Closing Plenary Meeting

Call to order Jul 31, 2025 at 14:33 CEST by the Chair who presided. The Recording Secretary wrote the minutes.

See section 1 for attendance and affiliation information.

The Chair presented “Closing Plenary July 2025” finalized as <https://www.ieee802.org/1/files/public/minutes/2025-07-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 802.1 Executive Secretary summarize information about the Sep 2025 (slide 38), Jan 2026 (slide 39), May 2026 (slide 40), and Sep 2026 (slides 41 and 42) interim sessions.
 - An issue requiring four nights instead of the three-night minimum to obtain the negotiated hotel room rate at the Sep 2025 interim session was discussed.
 - Mark Hantel presented “September 14-17 2026 - IEEE 802.1 Interim Proposal” <https://www.ieee802.org/1/files/public/docs2025/admin-Hantel-Sept2026-interim-proposal-0725-v01.pdf>.
Disposition: For information.
- Had the 802.1 Executive Secretary summarize the schedule for future interim (slide 43) and plenary (slide 44) sessions, which remained unchanged from the opening plenary meeting except for Mar 2027 (planned to move as previously presented).
 - For Mar 2027, possible venues include: Osaka, Japan; Singapore; Sydney, Australia; Wellington, New Zealand.
 - In 2027, the possibilities to collocate with 802 wireless are as follows, space constraints needing to be verified:
 - January 10-15, Hyatt Regency Irvine, Irvine, CA, USA
 - May 9-14, Cordis Hotel, Auckland, New Zealand
 - September 12-17, Grand Hyatt Atlanta Buckhead, Atlanta, Georgia, USA
 - In 2027, the possibilities to collocate with 802.3 are:
 - January: currently no offer
 - May: currently no offer
 - September: Hamburg, Germany, hosted by Dell

- 802.1 is welcome to join.
- Conducted the following straw polls (slides 43, 44, 47) indicating that, for the Sep 2026 interim session, a motion, session registration fees, and hotel room rates are expected at the Nov 2027 plenary session.
 - If the 2026 September Interim Session is held at the Hilton Waikoloa Village, Waikoloa, Hawaii, USA, co-located with the 802 wireless group as a mixed-mode session, do you plan to attend:
 - Attend In-person 17
 - Attend Virtually (remotely) 9
 - Will not attend 15
 - Did not respond 142 in DVL
 - If the 2026 September Interim Session is held at the Hyatt Regency Cleveland, Cleveland, Ohio, USA, as a mixed-mode session, do you plan to attend:
 - Attend In-person 22
 - Attend Virtually (remotely) 9
 - Will not attend 9
 - Did not respond 242 in DVL
 - For the IEEE 802 March 2027 plenary session, which of the options would you prefer:
 - Singapore 8
 - Wellington, New Zealand 9
 - Osaka, Japan 13
 - Sydney, Australia 5
 - None of the above 7
 - Did not respond 345 in DVL
 - 1. Would you like to come back to this venue?
 - Yes 27
 - No 7
 - Did not respond 1145 in DVL
 - 2. Did you go to the social?
 - Yes 28
 - No 7
 - Did not respond 1045 in DVL
 - 3. Did you like the social?
 - Yes 25
 - No 5
 - Did not respond 1645 in DVL
- Provided the anticipation of next actions with respect to projects in the WG's current workload (slide 48).
- Requested that the subgroup Chairs provide reports on the activities of their subgroups during this plenary session (slide 49) (see individual subgroup minutes above for details):
 - The Chair presented the report on slide 50.
 - The Maintenance TG Chair presented the report on slides 51-53.
 - The Security TG Chair presented the report on slide 54.
 - The TSN TG Chair presented the report on slides 55-56.

- The Nendica Vice Chair presented the report on slides 57-58.
- The YANGsters Chair presented the report on slide 59.
- Introduced the promotion work of the WG (slide 60).
 - It was clarified that blog posts and liaisons express a voted position of the WG.
- Summarized public visibility encouraging anyone to volunteer as coordinator for 802.1 (slide 61).
- Encouraged IEEE senior memberships, as well as nominations for IEEE Fellow (slide 62) and for the various types of IEEE Awards (slide 63).
- Had the Liaison Secretary summarize liaison resources (slide 64), review incoming liaisons reviewed at this session (slide 65), summarize and lead the final review of the set of draft outgoing liaisons updated as finalized and voted (slide 66 and motion slides).
- Summarized discussion during the ITU Coordination meeting held this week (slide 67) suggesting that 802.1Q be discussed in the Maintenance TG at the Sep 2025 interim session as a potential candidate for incorporation by reference into a new ITU-T Recommendation.
- Provided guidance on using DirectVoteLive to vote on motions (slide 68).
- Following 16:42 – 17:01 CEST recess, showed the 802.1 consent agenda items for the LMSC closing plenary meeting (slides 69-71).
- Conducted votes on the following motions (slides 72-138) 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 LMSC
Consent Agenda
PARs to NesCom**

- Motion
 - Approve forwarding P802.1Qee PAR documentation in <https://www.ieee802.org/1/files/public/docs2025/ee-PAR-0725-v01.pdf> to NesCom
 - Approve CSD documentation in <https://www.ieee802.org/1/files/public/docs2025/ee-CSD-0725-v01.pdf>
 - In the WG, Proposed: János Farkas, Second: Mark Hantel
 - PAR (y/n/a): 33, 1, 1
 - CSD (y/n/a): 33, 1, 1
- Motion
 - Approve forwarding P60802 PAR extension documentation in <https://www.ieee802.org/1/files/public/docs2025/60802-PAR-extension-0725-v01.pdf> to NesCom
 - Approve (unmodified) CSD documentation in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0088-01-ACSD-p60802.pdf>
 - In the WG, Proposed: János Farkas, Second: Dieter Proell
 - PAR (y/n/a): 35, 0, 1
 - CSD (y/n/a): 35, 0, 1
- Motion (The TSN TG Chair presented the linked PAR.)
 - Approve forwarding P802.1Qdq PAR extension documentation in <https://www.ieee802.org/1/files/public/docs2025/dq-PAR-extension-0725-v02.pdf> to NesCom

- Approve (unmodified) CSD documentation in <https://mentor.ieee.org/802-ec/dcn/21/ec-21-0098-00-ACSD-p802-1gdg.pdf>
- In the WG, Proposed: János Farkas, Second: Jessy Rouyer
 - PAR (y/n/a): 28, 4, 4
 - CSD (y/n/a): 28, 3, 5
- Motion
 - Approve forwarding P802.1X-2020/Cor1 PAR documentation in <https://www.ieee802.org/1/files/public/docs2025/X-Cor1-PAR-0725-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
 - PAR (y/n/a): 33, 1, 1
- Motion
 - Approve forwarding IEEE 802.1X-2020 Revision PAR documentation in <https://www.ieee802.org/1/files/public/docs2025/x-2020-rev-draft-par-0725-v00.pdf> to NesCom
Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality
 - In the WG, Proposed: Mick Seaman Second: Karen Randall
 - PAR (y/n/a): 35, 0, 2
- Motion
 - Approve forwarding IEEE 802.1AE-2018 Revision PAR documentation in <https://www.ieee802.org/1/files/public/docs2025/ae-2018-rev-draft-par-0725-v02.pdf> to NesCom
Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality
 - In the WG, Proposed: Mick Seaman Second: Karen Randall
 - PAR (y/n/a): 33, 0, 2
- Motion
 - Approve forwarding IEEE 802.1AR-2018 Revision PAR documentation in <https://www.ieee802.org/1/files/public/docs2025/ar-2018-rev-draft-par-0725-v00.pdf> to NesCom
Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality
 - In the WG, Proposed: Mick Seaman Second: Karen Randall
 - PAR (y/n/a): 34, 0, 2

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

- Motion
 - Conditionally approve sending P802.1ASed D3.0 to Standards Association ballot
 - Confirm the CSD for P802.1ASed in <https://mentor.ieee.org/802-ec/dcn/24/ec-24-0191-00-ACSD-p802-1ased.pdf>
 - P802.1ASed D2.2 had 97% approval at the end of the last WG ballot
 - In the WG, Proposed: János Farkas, Second: Silvana Rodrigues
 - Sending draft (y/n/a): 36, 1, 1
 - CSD (y/n/a): 36, 0, 1

- Motion
 - Approve sending P802.1AS-2020-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
 - P802.1AS-2020-Rev D1.3 had 97.5% approval at the end of the last WG ballot
 - In the WG, Proposed: János Farkas, Second: Silvana Rodrigues
 - Sending draft (y/n/a): 34, 0, 1
- Motion
 - Approve sending P802.1CB-2017/Cor1 D2.0 to Standards Association ballot
Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality
 - P802.1CB-2017/Cor1 D1.1 had 100% approval at the end of the last WG ballot
 - In the WG, Proposed: Christophe Mangin, Second: Mark Hantel
 - Sending draft (y/n/a): 33, 0, 1

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

- Motion
 - Approve sending P802.1AXdz to RevCom
 - Approve CSD documentation in <https://mentor.ieee.org/802-ec/dcn/23/ec-23-0238-00-ACSD-p802-1axdz.pdf>
 - P802.1AXdz D2.1 had 100% approval at the end of the last SA recirculation ballot
 - In the WG, Proposed: János Farkas, Second: Johannes Specht
 - forwarding draft to RevCom (y/n/a): 32, 0, 2
 - CSD (y/n/a): Sending draft (y/n/a): 32, 0, 1
- Motion
 - Approve sending P802.1DP to RevCom
 - Approve CSD documentation in <https://mentor.ieee.org/802-ec/dcn/21/ec-21-0096-00-ACSD-p802-1dp.pdf>
 - P802.1DP D3.3 had 98% approval at the end of the last SA recirculation ballot
 - In the WG, Proposed: János Farkas, Second: Stephan Kehrer
 - forwarding draft to RevCom (y/n/a): 33, 0, 1
 - CSD (y/n/a): Sending draft (y/n/a): 33, 0, 2
- Motion
 - Approve sending P60802 to RevCom
 - Approve CSD documentation in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0088-01-ACSD-p60802.pdf>
 - P60802 D3.4 had 96% approval at the end of the last SA recirculation ballot
 - In the WG, Proposed: János Farkas, Second: Mark Hantel
 - forwarding draft to RevCom (y/n/a): 32, 1, 4
 - CSD (y/n/a): Sending draft (y/n/a): 33, 1, 3

**Motions for 802 LMSC
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 802.1Qdy
<https://www.ieee802.org/1/files/public/docs2025/liaison-SC6CommentResponseQdy-0725.pdf>
 - IEEE Std 802
<https://www.ieee802.org/1/files/public/docs2025/liaison-SC6CommentResponse802-0725.pdf>
 - In the WG, Proposed: Mark Hantel Second: Karen Randall
 - Sending (y/n/a): 31, 0, 4
- Motion
 - Approve sending the following draft to ISO/IEC JTC1 SC6 for information under the PSDO agreement, when SA ballot starts:
 - P802.1AS-2020-Rev, P802.1ASed, P802.1CB-2017/Cor1
 - In the WG, Proposed: Mark Hantel Second: Karen Randall
 - (y/n/a): 32, 0, 2
- Motion
 - Approve sending the following standard to ISO/IEC JTC1 SC6 for adoption under the PSDO agreement, when published:
 - IEEE Std 802.1DP, IEEE Std 802.1AXdz
 - In the WG, Proposed: Mark Hantel Second: Karen Randall
 - (y/n/a): 32, 0, 2
- Motion
 - Approve liaison response to ITU-T SG15 on OTNT Standardization Work Plan Issue 35,
<https://www.ieee802.org/1/files/public/docs2025/liaison-response-itu-t-SG15-LS26-OTNTStdznWorkPlan35-0725.pdf>, 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: János Farkas, Second: Karen Randall
 - Sending (y/n/a): 33, 0, 3
- Motion
 - Approve <https://www.ieee802.org/1/files/public/docs2025/liaison-response-itu-t-SG13-LS35-DetermNetwrking-0725-v01.pdf> as communication to ITU-T SG13 granting the IEEE 802.1 WG chair (or his delegate) editorial license.
 - This approval is under LMSC OM “Procedure for public statements to government bodies”
 - In the WG, Proposed: János Farkas, Second: Karen Randall
 - (y/n/a): 33, 0, 3

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

- Motion
 - Approve sending <https://www.ieee802.org/1/files/public/docs2025/liaison-response-BBF705-YANG-0725.pdf> to BBF, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
 - In the WG, Proposed: Mark Hantel Second: Karen Randall
 - Sending (y/n/a): 31, 0, 4
- Motion
 - Approve sending <https://www.ieee802.org/1/files/public/docs2025/liaison-UEC-coordination-0725.pdf> to UEC, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
 - In the WG, Proposed: Lily Lyu Second: Paul Bottorff
 - Sending (y/n/a): 29, 0, 5
- Motion
 - Approve making P802.1ASed Draft 2.3 available for purchase.
 - In the WG, Proposed: János Farkas Second: Jessy Rouyer
 - (y/n/a): 34, 0, 1

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

- Motion
 - Approve sharing IEC/IEEE 60802 Draft 3.4 with OPC Foundation.
 - Proposed: János Farkas Second: Dieter Proell
 - In the WG, (y/n/a): 36, 0, 1

**Administrative
WG Motions**

- Motion
 - 802.1 approves:
 - March 2025 (plenary) session minutes:
 - <https://www.ieee802.org/1/files/public/minutes/2025-03-minutes.pdf>
 - May 2025 (interim) session minutes:
 - <https://www.ieee802.org/1/files/public/minutes/2025-05-minutes.pdf>
 - Proposed: Jessy Rouyer
 - Seconded: Scott Mansfield
 - Approved by acclamation
- 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

Future meetings table

Subgroup	Topic	Date	Time	Recurrence	Date	Agenda	Agenda	Access Information
					announcements	(days prior)		
YANGsters	per agenda	Tue 2025-08-12	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 2025-11-10	8:00 - 10:00 local	none	motion	14 days	https://1.ieee802.org/category/maintenance-tg-agenda/	https://1.ieee802.org/meetings/
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 2025-11-10	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 2025-08-18	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 2025-08-21	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**

- Motion
 - 802.1 authorizes Paul Bottorff, the Editor of P802.1AB-2016-Revision – Station and Media Access Control Connectivity Discovery, to prepare drafts for and conduct Working Group balloting.
 - Proposed: Mark Hantel
 - Second: Karen Randall
 - In the WG (y/n/a): 35, 0, 1
- Motion
 - 802.1 conditionally authorizes Scott Mansfield, the Editor of P802.1X-2020/Cor1 – Port-Based Network Access Control to prepare drafts for and conduct Working Group balloting after the SASB approval of the PAR.
 - Proposed: Mark Hantel
 - Second: Karen Randall
 - In the WG (y/n/a): 33, 0, 2

**Security TG
WG Motions**

- Motion
 - 802.1 authorizes the Security Task Group to generate a PAR and CSD at the September 2025 interim session for pre-circulation to the LMSC for an amendment to IEEE Std 802.1AE MAC Security (MACsec) adding an AsconAEAD128 based Cipher Suite.
 - Proposed: Mick Seaman
 - Second: Karen Randall
 - In the WG (y/n/a): 32, 1, 2
- Motion
 - 802.1 authorizes the Security Task Group to generate a PAR and CSD at the September 2025 interim session for pre-circulation to the LMSC for an amendment to 802.1AR providing support for Device IDs utilizing cryptographic binding based on Module-Lattice-Based Digital Signatures (ML-DSA).
 - Proposed: Paul Bottorff
 - Second: Maik Seewald
 - In the WG (y/n/a): 33, 0, 2

**TSN TG
WG Motions**

- Motion
 - 802.1 authorizes the TSN TG to generate PAR modification to the P802.1CBec “Guidance for Sequence Recovery Function Parameter Configuration” project at the September 2025 interim session for pre-circulation to the LMSC.
 - Proposed: János Farkas
 - Second: David McCall
 - In the WG (y/n/a): 35, 0, 2
- Called for Any Other Business (slide 138).
 - No other business was discussed in this meeting.

17:09 ET adjournment

11 Next Session

Sep 16-19, 2025 mixed mode interim session in Düsseldorf, Germany.