IEEE 802.1 Working Group
July 13-16, 2026 Plenary Session
Montreal, QC, Canada—Mixed Mode
Session Minutes

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

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

1 Attendance and affiliation

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

			Closing Plenary, Thu Jul 16, 2026, 13:00 - 18:00 ET	Maintenance, Thu Jul 16, 2026, 10:30 - 11:00 ET	Nendica, Thu Jul 16, 2026, 08:00 - 10:00 ET	TSN, Wed Jul 15, 2026, 16:00 - 18:00 ET	Security, Wed Jul 15, 2026, 16:00 - 18:00 ET	TSN, Wed Jul 15, 2026, 13:30 - 15:30 ET	Security, Wed Jul 15, 2026, 13:30 - 15:30 ET	TSN, Wed Jul 15, 2026, 10:30 - 12:30 ET	Maintenance, Wed Jul 15, 2026, 10:30 - 12:30 ET	TSN, Wed Jul 15, 2026, 08:00 - 10:00 ET	802.1/802.15 Joint, Tue Jul 14, 2026, 18:00 - 19:00 ET	Maintenance, Tue Jul 14, 2026, 16:00 - 18:00 ET	Security, Tue Jul 14, 2026, 13:30 - 15:30 ET	Nendica, Tue Jul 14, 2026, 10:30 - 12:30 ET	TSN - IEC/IEEE 60802, Tue Jul 14, 2026, 08:00 - 10:00 ET	Maintenance, Mon Jul 13, 2026, 16:00 - 18:00 ET	TSN, Mon Jul 13, 2026, 13:30 - 15:30 ET	Opening Plenary, Mon Jul 13, 2026, 10:30 - 12:30 ET	TSN, Mon Jul 13, 2026, 08:00 - 10:00 ET
Last name	**First name**	**Affiliation**																		
Abuibaid	Mohammed	Carleton University																		●
Ahmed	Mahin	Silicon Austria Labs GmbH			●	●	●	●	●	●		●				●		●	●	●
Arunarthi[3]	Venkat	Broadcom Corporation	●																	
Baggett	Tim	Microchip Technology, Inc.					●													

Unapproved Draft

			Closing Plenary, Thu Jul 16, 2026, 13:00 - 18:00 ET	Maintenance, Thu Jul 16, 2026, 10:30 - 11:00 ET	Nendica, Thu Jul 16, 2026, 08:00 - 10:00 ET	TSN, Wed Jul 15, 2026, 16:00 - 18:00 ET	Security, Wed Jul 15, 2026, 16:00 - 18:00 ET	TSN, Wed Jul 15, 2026, 13:30 - 15:30 ET	Security, Wed Jul 15, 2026, 13:30 - 15:30 ET	TSN, Wed Jul 15, 2026, 10:30 - 12:30 ET	Maintenance, Wed Jul 15, 2026, 10:30 - 12:30 ET	TSN, Wed Jul 15, 2026, 08:00 - 10:00 ET	802.1/802.15 Joint, Tue Jul 14, 2026, 18:00 - 19:00 ET	Maintenance, Tue Jul 14, 2026, 16:00 - 18:00 ET	Security, Tue Jul 14, 2026, 13:30 - 15:30 ET	Nendica, Tue Jul 14, 2026, 10:30 - 12:30 ET	TSN - IEC/IEEE 60802, Tue Jul 14, 2026, 08:00 - 10:00 ET	Maintenance, Mon Jul 13, 2026, 16:00 - 18:00 ET	TSN, Mon Jul 13, 2026, 13:30 - 15:30 ET	Opening Plenary, Mon Jul 13, 2026, 10:30 - 12:30 ET	TSN, Mon Jul 13, 2026, 08:00 - 10:00 ET
Last name	**First name**	**Affiliation**																		
Balaji	Rakesh	Synaptics*					●													
Bidgoli	Hooman	Nokia	●		●		●		●	●		●	●		●	●	●	●	●	●
Boiger	Christian	Infineon Technologies	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Borrill	Paul	DAEDAELUS						●									●		●	
Bottorff	Paul	Hewlett Packard Enterprise	●	●		●	●	●	●	●	●	●			●		●	●	●	
Chen	Lihao	Huawei Technologies Co., Ltd	●	●	●	●	●	●	●		●	●	●	●	●		●		●	
Congdon	Paul	Congdon Consulting, LLC	●	●	●	●	●	●		●		●		●			●	●	●	
DeLaOlivaDelgado	Antonio	Universidad Carlos III Madrid						●												
Dong	Han	Apple*		●																
Du	Zongpeng	China Mobile Limited	●	●		●	●	●	●	●		●	●							
Elzur	Uri	Intel Corporation	●	●		●	●		●		●	●	●		●			●		●
Farkas	Janos	Ericsson AB	●	●	●	●	●	●	●	●	●	●	●	●	●			●		●
Fedyk	Donald	LabN Consulting, L.L.C.	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●		●
Furch	Andreas	Siemens AG					●													
Gonzalez	Dalisa	IEEE SA Staff									●									
Gubow	Martin	Keysight Technologies									●	●	●							
Hantel[3]	Mark	WG Member	●	●	●	●	●		●	●		●	●						●	●
Hernandez	Marco	National Institute of Information and Communications Technology (NICT)				●			●											
Hu	Runlong	China Mobile Communications Group Co.,Ltd						●										●		
Huang	Guangpin	ZTE Corporation	●															●	●	
Huh	Woojung	Microchip Technology, Inc.	●	●	●		●	●	●		●	●	●	●	●			●		●
Ito	Yoshihiro	Nagoya Institute of Technology	●	●	●	●	●	●	●		●	●	●	●	●			●	●	●
Jabbar	Abdul	General Electric Company (GE)			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Jones	Peter	Cisco Systems, Inc.						●										●		
Kadampot	Ishaque	Qualcomm*								●										
Karp[2]	Brad	Google*									●									
Kehrer	Stephan	Belden	●	●	●	●	●	●	●	●		●	●	●	●	●	●			●

Unapproved Draft

			Closing Plenary, Thu Jul 16, 2026, 13:00 - 18:00 ET	Maintenance, Thu Jul 16, 2026, 10:30 - 11:00 ET	Nendica, Thu Jul 16, 2026, 08:00 - 10:00 ET	TSN, Wed Jul 15, 2026, 16:00 - 18:00 ET	Security, Wed Jul 15, 2026, 16:00 - 18:00 ET	TSN, Wed Jul 15, 2026, 13:30 - 15:30 ET	Security, Wed Jul 15, 2026, 13:30 - 15:30 ET	TSN, Wed Jul 15, 2026, 10:30 - 12:30 ET	Maintenance, Wed Jul 15, 2026, 10:30 - 12:30 ET	TSN, Wed Jul 15, 2026, 08:00 - 10:00 ET	802.1/802.15 Joint, Tue Jul 14, 2026, 18:00 - 19:00 ET	Maintenance, Tue Jul 14, 2026, 16:00 - 18:00 ET	Security, Tue Jul 14, 2026, 13:30 - 15:30 ET	Nendica, Tue Jul 14, 2026, 10:30 - 12:30 ET	TSN - IEC/IEEE 60802, Tue Jul 14, 2026, 08:00 - 10:00 ET	Maintenance, Mon Jul 13, 2026, 16:00 - 18:00 ET	TSN, Mon Jul 13, 2026, 13:30 - 15:30 ET	Opening Plenary, Mon Jul 13, 2026, 10:30 - 12:30 ET	TSN, Mon Jul 13, 2026, 08:00 - 10:00 ET
Last name	**First name**	**Affiliation**																		
Kojima	Fumihide	National Institute of Information and Communications Technology (NICT)		●																●
Kravits	Danielle	Microchip*	●	●	●	●		●			●	●	●				●			
Kumar	Jai	Broadcom Corporation		●	●	●	●	●	●		●	●	●				●			●
Lai	Gavin	Moxa Inc.	●	●	●	●	●	●	●	●	●	●	●	●	●		●			●
Law	Andrew	Student					●													
Lessard	Stephane	Ericsson AB															●			
Li	Jieyu	China Mobile	●	●	●	●		●			●		●				●	●	●	●
Li Chen	Alice Jialing	Qualcomm*								●										
Lin	YK	Realtek Semiconductor Corp.	●								●	●	●							
Liu	Yao	ZTE Corporation	●	●		●	●	●	●	●	●		●		●		●	●	●	
Luo	Xiliang	Apple Inc								●										
Lyu	Yunping(Lily)	Huawei Technologies Co., Ltd	●	●	●	●	●	●			●						●	●	●	●
Maile[3]	Lisa	Technische Universität Braunschweig	●																	
Mangin	Christophe	Mitsubishi Electric Corporation	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
Marks	Roger	EthAirNet Associates;NVIDIA		●			●										●			●
Mater	Olaf	Infineon Technologies	●	●	●	●	●	●		●	●	●	●	●	●		●	●	●	●
McCall	David	Intel Corporation	●	●	●	●	●	●			●	●	●	●	●					●
McIntosh	James	Microchip Technology, Inc.	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●
Miskho	Michael	ADI*																		●
Mittelberger	Martin	Siemens AG	●	●	●	●	●	●	●	●		●	●	●	●	●				●
Muller [Ind]	Shimon	Self*						●									●			
Nakano	Hiroki	CAHI Corporation;Red Orange Co., Ltd.	●	●	●	●	●	●	●	●	●	●	●	●	●		●			●
Nakao	Yuichi	Nagoya Institute of Techynology	●	●	●		●				●				●					●
Niihara	Yoshihro	Fujikura Ltd.					●													
Nomura	Takumi	Honda R&D	●	●	●		●	●	●		●	●	●	●	●			●	●	●

Unapproved Draft

		Closing Plenary, Thu Jul 16, 2026, 13:00 - 18:00 ET	Maintenance, Thu Jul 16, 2026, 10:30 - 11:00 ET	Nendica, Thu Jul 16, 2026, 08:00 - 10:00 ET	TSN, Wed Jul 15, 2026, 16:00 - 18:00 ET	Security, Wed Jul 15, 2026, 16:00 - 18:00 ET	TSN, Wed Jul 15, 2026, 13:30 - 15:30 ET	Security, Wed Jul 15, 2026, 13:30 - 15:30 ET	TSN, Wed Jul 15, 2026, 10:30 - 12:30 ET	Maintenance, Wed Jul 15, 2026, 10:30 - 12:30 ET	TSN, Wed Jul 15, 2026, 08:00 - 10:00 ET	802.1/802.15 Joint, Tue Jul 14, 2026, 18:00 - 19:00 ET	Maintenance, Tue Jul 14, 2026, 16:00 - 18:00 ET	Security, Tue Jul 14, 2026, 13:30 - 15:30 ET	Nendica, Tue Jul 14, 2026, 10:30 - 12:30 ET	TSN - IEC/IEEE 60802, Tue Jul 14, 2026, 08:00 - 10:00 ET	Maintenance, Mon Jul 13, 2026, 16:00 - 18:00 ET	TSN, Mon Jul 13, 2026, 13:30 - 15:30 ET	Opening Plenary, Mon Jul 13, 2026, 10:30 - 12:30 ET	TSN, Mon Jul 13, 2026, 08:00 - 10:00 ET
Last name	**First name**	**Affiliation**																		
Noseworthy	Bob	University of New Hampshire InterOperability Laboratory (UNH-IOL)	●	●	●					●		●	●	●		●				
Ogawa	Masakatsu	Sophia University*							●											
Park	Pusik	Korea Electronics Technology Institute	●																	
Parkholm	Ulf	Ericsson AB											●	●	●	●				
Parsons	Glenn	Ericsson AB		●	●	●	●	●	●	●		●	●	●	●			●	●	●
Perterson	Eric	Blue Origin		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
Proell	Dieter	Siemens AG	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●
Randall	Karen	Randall Consulting	●	●	●	●	●		●		●	●	●	●	●	●	●	●	●	●
Rashidi	Leila	Huawei Technologies Co., Ltd*	●	●		●	●		●		●			●	●			●		
Regev	Alon	Keysight Technologies	●	●	●	●	●		●	●	●	●	●	●	●			●	●	●
Rodrigues	Silvana	Huawei Technologies Co., Ltd	●	●	●	●	●	●	●		●	●	●	●	●			●	●	●
Rouyer	Jessy	Nokia	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●
Roy	Rajeev	NXP Semiconductors	●	●	●	●	●	●		●	●	●	●	●	●			●	●	●
Salata	Carlo	Canova Tech	●																	
Seaman	Michael	Individual		●		●		●		●			●	●	●	●				
Seewald	Maik	Cisco Systems, Inc.	●	●	●	●	●	●	●	●	●		●	●		●		●	●	●
Sivakolundu	Ramesh	Cisco Systems, Inc.	●	●	●		●	●			●							●	●	●
Specht	Johannes	SELF	●	●	●		●	●	●		●	●	●	●	●			●	●	●
St-Denis	Bernie	NXP Semiconductors		●				●			●				●			●	●	●
Steindl[3]	Guenter	Siemens AG					●													
Traore	Karim	Microchip/Microsemi Corporation	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●
Turner	Max	Ethernovia	●	●	●	●	●	●		●	●	●	●	●				●	●	●
Val	Inaki	MaxLinear, Inc.																●		
Varga[3]	Balazs	Ericsson AB	●																	
Wang	Haojie	CMCC*	●																	
Wei	Victor	Apple*								●										
Wessels	Leon	TSN Systems GmbH	●	●	●		●	●	●		●	●	●	●	●			●		●

Unapproved Draft

			Closing Plenary, Thu Jul 16, 2026, 13:00 - 18:00 ET	Maintenance, Thu Jul 16, 2026, 10:30 - 11:00 ET	Nendica, Thu Jul 16, 2026, 08:00 - 10:00 ET	TSN, Wed Jul 15, 2026, 16:00 - 18:00 ET	Security, Wed Jul 15, 2026, 16:00 - 18:00 ET	TSN, Wed Jul 15, 2026, 13:30 - 15:30 ET	Security, Wed Jul 15, 2026, 13:30 - 15:30 ET	TSN, Wed Jul 15, 2026, 10:30 - 12:30 ET	Maintenance, Wed Jul 15, 2026, 10:30 - 12:30 ET	TSN, Wed Jul 15, 2026, 08:00 - 10:00 ET	802.1/802.15 Joint, Tue Jul 14, 2026, 18:00 - 19:00 ET	Maintenance, Tue Jul 14, 2026, 16:00 - 18:00 ET	Security, Tue Jul 14, 2026, 13:30 - 15:30 ET	Nendica, Tue Jul 14, 2026, 10:30 - 12:30 ET	TSN - IEC/IEEE 60802, Tue Jul 14, 2026, 08:00 - 10:00 ET	Maintenance, Mon Jul 13, 2026, 16:00 - 18:00 ET	TSN, Mon Jul 13, 2026, 13:30 - 15:30 ET	Opening Plenary, Mon Jul 13, 2026, 10:30 - 12:30 ET	TSN, Mon Jul 13, 2026, 08:00 - 10:00 ET
Last name	**First name**	**Affiliation**																		
Wu	Jiawei	Huawei Technologies Co., Ltd										●	●							
Xu	Luzhou	Apple*							●											
Yamaura	Takahiro	TOSHIBA Corporation	●	●	●	●	●	●	●	●	●	●	●	●			●	●		
Yang	Shang-Te	Apple Inc							●											
Zeh	Alexander	Infineon Technologies	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Zein	Nader	NEC Europe (NLE)	●	●	●	●	●	●	●	●	●									●
Zhuang	Yan	Huawei Technologies Co., Ltd															●			

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

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

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

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

2 802.1 Officers and Leadership

- Chair: Glenn Parsons
- Vice-Chair and Recording Secretary: Jessy Rouyer
  - Executive Secretary: Stephan Kehrer
  - Liaison Secretary: Karen Randall
- Maintenance TG Chair: Mark Hantel
- Security TG Chair: Mick Seaman
  - Security TG Vice-Chair: Karen Randall
- TSN TG Chair: János Farkas
  - TSN TG Vice-Chair: David McCall
  - TSN TG Secretary: Johannes Specht
  - IEC/IEEE 60802 Joint Project Chair: Dieter Pröll
- 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, John Messenger

Unapproved Draft

3 Opening plenary meeting

See section 1 for attendance and affiliation information.

Call to order Jul 13, 2026 at 10:31 ET by the Chair who presided. The Recording Secretary wrote the minutes.

The Chair presented "Opening Plenary July 2026" finalized as http://www.ieee802.org/1/files/public/minutes/2026-07-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.

Unapproved Draft

        - 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 25 reproducing the IEEE SA slides 1 through 6 approved by SASB in January 2026 regarding the IEEE Codes of Ethics and Conduct, participation in the "individual process", dominance, meeting decorum and rules, and the IEEE ethics reporting line.
- Made subgroup announcements (slide 26) 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 27), noting that fee waivers may be granted in advance, exceptionally and listing them (slide 28).
- Shared information about food (slide 29) and social logistics (slide 30).
- Provided general information regarding meeting contributions (requested to be uploaded 24 hours prior to presentation), minutes, schedule for all Working Groups, website (slide 31).
- Introduced 802.1 officers and leadership (slide 32).
- Reviewed the list of editors (slide 33) and thanked editors for moving the work forward.
- Discussed 802.1 WG Process (slide 34) including the "New work" process 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 35), keeping affiliation and employer data updated (slide 36), electronic ballots (ePolls) conducted between sessions (slide 37), requesting and retaining voting membership (slide 38), and responding to WG ballot series (including ePolls) as well as regarding the consequences of not responding to WG ballot series (including ePolls) (slide 39).
- Reviewed the list of 802.1 voters (slide 40), including information about individuals who may gain (slides 41 and 42) or lose (slides 43 and 44) 802.1 voting membership.
- Reminded individual participants of 802.11 reciprocal credit (slide 45), 802.3 reciprocal credit (slide 46), and LMSC reciprocal credit (slide 47) at this session.
- Had Stephan Kehrer, Executive Secretary, introduce information about:
    - The Sep 2026 interim session (slide 48).
    - The Jan 2027 interim session (slide 49).
    - The May 2027 interim session (slides 50-51).
        - The Executive Secretary presented "IEEE 802.1 May 2027 Interim Session" https://www.ieee802.org/1/files/public/docs2026/admin-

Unapproved Draft

lambers-May27-interim-0726-v02.pdf.
Discussion:
- 802.3 would not have its meetings collocated at ZAL.
- No registration fee discount for staying at the contracted hotel.

Disposition: For information.

- Karen Randall presented "IEEE 802.1 Interim Meeting Proposal" https://www.ieee802.org/1/files/public/docs2026/admin-randall-May27-Interim-Proposal-0726.pdf.
Discussion:
  - Airline connections were briefly discussed.
  - Sep 2027 and Jan 2028 are also possible times.

Disposition: For information.

- Had the Executive Secretary provide an overview of the schedule for future interim sessions (slide 52):
  - September 2026
    - Co-located with IEEE 802.3 WG, hosted by Ethernet Alliance as in-person session with provisions to support mixed mode
      - Date: Sep 14-17, 2026
      - Location: Lisbon, Portugal
  - January 2027
    - Co-located with IEEE 802 Wireless WGs as in-person session with provisions to support mixed mode
      - Date: Jan 11-14, 2027
      - Location: Irvine, CA, USA
  - May 2027
    - Offer to host by Airbus as in-person session with provisions to support mixed mode
      - Date: May 10-13, 2027
      - Location: Hamburg, Germany
    - Offer to host by Randall Consulting as in-person session with provisions to support mixed mode
      - Date: May 10-13, 2027
      - Location: Asheville, NC, USA
  - September 2027
    - Potential hosting with 802.3 by Huawei – TBD
  - Jan/May/Sep 2028
    - Hosts invited
- Provided an overview of the schedule for future plenary sessions (slide 53):
  - Nov 8-13, 2026 – Bangkok, Thailand
    - Marriot Marquis Queen's Park
  - Mar 14-19, 2027 – Singapore (TBC)
    - Grand Capthorne Waterfront, Singapore (TBC)
  - Jul 11-16, 2027 – Gothenburg, Sweden
    - Gothia Towers
  - Nov 14-19, 2027 – Oahu, HI, USA
    - Hawaiian Village
  - Mar 12-17, 2028 – Bangkok, Thailand (TBC)
    - Marriot Marquis Queen's Park (TBC)
  - Jul 9-14, 2028 – Montreal, QC, Canada
    - Sheraton Le Centre Montreal
  - Nov 13-18, 2028 – EMEA location (TBD)
    - TBD

Unapproved Draft

    - Mar 2029
        - TBD
    - Jul 2029
        - TBD
    - Nov 12-17, 2029 – Vancouver, BC, Canada
        - Hyatt Regency Vancouver
- Conducted the following straw polls (slides 54-55).
    - If the 2027 May Interim Session is held at the ZAL - Zentrum für Angewandte Luftfahrtforschung, hosted by Airbus Operation GmbH / Hamburg Aviation e.V., in Hamburg, Germany, as a mixed-mode session, will you attend:
        - Attend In-person – 25
        - Attend Virtually (remotely) – 8
        - Will not attend interim – 6
        - No response – 6 (45 in Webex)
    - If the 2027 May Interim Session is held at the AC Hotel Asheville Downtown, hosted by Randall Consulting, in Asheville, NC, USA, as a mixed-mode session, will you attend:
        - Attend In-person – 17
        - Attend Virtually (remotely) – 10
        - Will not attend interim – 11
        - No response – 7 (46 in Webex)
- Provided pointers to the LMSC schedule of LMSC/WG/TAG meetings to be held during this plenary session (slide 56).
- Reported the following items out of the 802 LMSC plenary session #142 (slide 57):
    - Fee Waivers granted
    - LMSC chair intro [LMSC-26-132]
        - History ad hoc Tuesday, 1230-1330, Salon 8
        - LMSC Chair open office Thursday, 11:30-12:30, Salon 8
    - Innovation Committee [LMSC-26-173]
        - Process to leverage assets to support innovative IEEE activities
    - Venues (LMSC-26-184)
        - July 2026 – 1004 attendees – with just over 1/2 in-person – 98% of block
            - 45% US, 5% Canada, 15% EMEA, 33% Asia
        - Finalizing meeting planner RFP for August, approval in November
        - Potential future venues – Madrid, Belfast & Turkey
    - 802 rules (LMSC-26-171)
        - LMSC P&P update - Open source LMSC position, PAR review process
    - 802.24 proposed scope change on network management / YANG
    - Dominance notification - P802.3dm TG
- Introduced IEEE SA staff supporting IEEE 802 (slide 58):
    - Dalisa Gonzalez
        - Program Manager, Operational Program Management
        - supports 802.1, 802.3
    - Christy Bahn
        - Senior Program Manager, Operational Program Management
        - 802 lead, supports dot11, dot15, dot19 and, dot24 groups
    - Michelle Turner
        - 802 lead editorial support
    - Catherine Berger
        - 802 editorial support
        - Senior Program and Special Projects Manager, Content Production and Management

Unapproved Draft

- Pointed to instructions to access IEEE 802 electronic media (slide 59).
- Provided IEEE 802 program status (slide 60).
- Provided information about public review (slide 61).
- Pointed out 802.1 PARs (slide 62) and PARs, PAR modification, and CSDs from 802 WGs other than 802.1 (slide 63) that are up for vote or finalization during this IEEE 802 plenary session.
- Had the Liaison Secretary present liaison resources (slide 64), the IEEE 802 liaison list (slide 65), the status of previous outgoing liaisons (slide 66), the set of incoming liaisons to be handled by specific subgroups (slide 67), IEEE 802.1 activity in ISO/IEC JTC 1 SC 6 (slide 68) as well as a list of anticipated outgoing liaisons (slide 69).
    - The Chair noted the two upcoming Jul 13, 2026 tutorials, the first one of which is related to liaisons.
- Summarized IETF coordination items (slide 70).
- Provided information about JTC1/SC6 coordination (slide 71), ITU coordination (slide 72), and meeting to be held with 802.15 during this plenary session (slide 73).
- Discussed promotion of the work of the WG (slide 74).
- Discussed 802.1 public visibility messaging (slide 75).
- Reminded nominations are welcome for the IEEE Fellow program (slide 76) and the various types of IEEE Awards (slide 77) highlighting the various deadlines and encouraging nominations.
- Noted that WG Chair Awards would be upcoming (slide 78).
- Provided the anticipation of next actions with respect to the projects in the WG's current workload (slide 79).
- Reviewed the timeline for 802.1Q (slide 80) and 802.1AS (slide 81) revisions and amendments.
- Showed the 802.1 schedule for this plenary session, which was tacitly approved (slide 82).
- Listed 802.1 leadership and editors' meetings (slide 83).
- Requested that subgroup agendas be presented (slide 84):
    - The Chair presented the joint 802.1 & 802.15 meeting agenda on slide 85.
    - The Maintenance TG Chair presented the agenda on slides 86-87.
    - The Security TG Chair presented the agenda on slide 88.
    - The TSN TG Chair presented the agenda on slide 89.
    - The Nendica Vice Chair presented the Nendica report and agenda on slides 90-93.
- Called for Any Other Business (slide 94).
    - No other business was discussed in this meeting.

12:44 ET recess

4 Joint 802.1/802.15 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 Jul 14, 2026 are page 6 of "802.15 WG & WNG & Joint 802.1/802.15 Minutes July 2026 Plenary" https://mentor.ieee.org/802.15/dcn/26/15-26-0306-00-0000-802-15-wg-wng-joint-1-15-minutes-july-2026-plenary.docx.

Unapproved Draft

5 Maintenance Task Group

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

- Minutes of the Maintenance TG meeting held 2026-05-26 09:00 - 11:00ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;b6707e35.26&S=
- Minutes of the Maintenance TG meeting held 2026-05-27 09:00 - 10:05ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;12fd58d4.26&S=
- Minutes of the Maintenance TG meeting held 2026-07-07 09:00 - 11:00ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;633171ef.26&S=

See section 1 for attendance and affiliation information.

Call to order on Jul 13, 2026 at 16:00 ET by Mark Hantel, as 802.1 Maintenance TG Chair ("Chair") who presided and wrote the minutes, assisted by Karen Randall, IEEE 802.1 Liaison Secretary.

1. Meeting introduction and other administrative items. The IEEE SA slides on IEEE SA Patent Policy, Copyright Policy, and Participation Behavior – Individual Method ("Policies") were provided beforehand as part of "MEETING INTRODUCTION" http://www.ieee802.org/1/files/public/templates/admin-TG-intro-0326-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-2026-plenary-session-maintenance-tg-agenda/.
   Disposition: The agenda was reviewed, discussed, and agreed as presented.
3. Maintenance Project Status. Mick Seaman, P802.1Q-2022-Rev editor, gave a verbal report on IEEE P802.1Q-2022-REV.
   Disposition: For information.

Unapproved Draft

4. Liaison Activity. Karen Randall, IEEE 802.1 liaison secretary, verbally reviewed liaisons sent/received, as well as proposed responses to comments on the ISO/IEC JTC 1/SC 6 ballot of IEEE Stds 802.1AS-2025 and 802.1ASed-2026.
   Disposition: For information.
5. Comment Review on 802 PARs Under Consideration. The Chair led the review of PARs and CSDs for P802.3dv, P802.3dw, and P802.19.3a.
   Disposition: Comments were generated as "Comments on P802.3dv PAR & CSD" https://www.ieee802.org/1/files/public/docs2026/admin-PAR-CSD-comments-3dv-0726-v01.pdf , "Comments on P802.3dw PAR & CSD" https://www.ieee802.org/1/files/public/docs2026/admin-PAR-CSD-comments-3dw-0726-v01.pdf , and "Comments on P802.19.3a PAR & CSD" https://www.ieee802.org/1/files/public/docs2026/admin-PAR-CSD-comments-193a-0726-v01.pdf .
6. Review of New Maintenance Items and next steps. The Chair led discussion on maintenance items 398 and 399.
   Disposition: More discussion needed.
7. P802.1ACea Discussion. The Chair led a review of the proposed P802.1ACea draft 1.4.
   Disposition: More discussion needed.

18:02 ET recess

Call to order on Jul 14, 2026 at 16:00 ET by Mark Hantel, IEEE 802.1 Maintenance TG Chair ("Chair") who presided and wrote the minutes, assisted by Karen Randall, IEEE 802.1 Liaison Secretary.

8. The Chair announced that the 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 minute taker.
9. P802.1CM-2018-REV PAR Drafting. The Chair led a review of the draft PAR for P802.1CM-2018-REV.
   Disposition: The draft PAR was finalized as: https://www.ieee802.org/1/files/public/docs2026/cm-2018-rev-PAR-0726-v01.pdf .
10. P802.1ACea Discussion. The Chair led a review of the proposed P802.1ACea draft 1.4.
    Disposition: The editor was asked to propose a new version of D1.4 based on https://www.ieee802.org/1/files/private/ea-drafts/d1/802-1ACea-d1-3.pdf augmented by the results of the D1.3 comment resolution.
11. P802.1CB-2017-Rev D1.1 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/d1/802-1CB-2017-Rev-d1-1.pdf.
    Disposition: Comments 3, 1, 2, 4, 5, 7, 8, and 6 were resolved.
12. P802.1X-2020/Cor1 D2.1 SA Comment Resolution. Glenn Parsons led the resolution of comments received on https://www.ieee802.org/1/files/private/x-2020-cor-1-drafts/d2/802-1X-2020-Cor1-D2-1.pdf.
    Disposition: Comments R1-1 through R1-11 were resolved. Final disposition: https://www.ieee802.org/1/files/private/x-2020-cor-1-drafts/d2/802.1XCor-comments-D2-1-dis-v00.pdf.

18:06 ET recess

Unapproved Draft

Call to order on Jul 15, 2026 at 10:30 ET by Mark Hantel, IEEE 802.1 Maintenance TG Chair ("Chair") who presided and wrote the minutes, assisted by Karen Randall, IEEE 802.1 Liaison Secretary.

13. The Chair announced that the 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 minute taker.
14. Review of Existing Maintenance Items and next steps. Woojung Huh presented "ATS & PSFP YANG maintenance items #0392 & #0393 Updates 802.1 Jul Plenary" https://www.ieee802.org/1/files/public/docs2026/maint-whuh-ATSandPSFP-YANG-0726-v01.pdf.
    Disposition: More discussion needed.
15. P802.1AS-2025-REV D0.1 Comment Resolution. Silvana Rodrigues, P802.1AS-2025-REV editor, led the resolution of comments received on https://www.ieee802.org/1/files/private/as-2025-rev-drafts/d0/802-1AS-2025-Rev-d0-1.pdf.
    Disposition: Comments 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, and 16 were resolved.

12:05 ET recess

Call to order on Jul 16, 2026 at 10:32 ET by Mark Hantel, IEEE 802.1 Maintenance TG Chair ("Chair") who presided and wrote the minutes, assisted by Karen Randall, IEEE 802.1 Liaison Secretary.

16. The Chair announced that the 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 minute taker.
17. P802.1CB-2017-Rev D1.1 Comment Resolution. Christophe Mangin, P802.1CB-2017-Rev editor, continued leading the resolution of comments received on https://www.ieee802.org/1/files/private/cb-2017-rev-drafts/d1/802-1CB-2017-Rev-d1-1.pdf.
    Disposition: Comment 9 was resolved. Final disposition: https://www.ieee802.org/1/files/private/cb-2017-rev-drafts/d1/802-1CB-2017-Rev-d1-1-dis-v01.pdf.
18. Any Other Business. No other business was discussed by the Maintenance TG in this session.

10:53 ET 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 2026-05-28 12:00 - 14:17 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;66848df4.26&S=
- Minutes of the Security TG meeting held 2026-06-04 12:00 - 14:17 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;535300e5.26&S=
- Minutes of the Security TG meeting held 2026-06-25 13:00 - 13:29 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;8599200e.26&S=
- Minutes of the Security TG meeting held 2026-07-09 13:00 - 13:38 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;f68b8f9e.26&S=

See section 1 for attendance and affiliation information.

Unapproved Draft

Call to order Jul 14, 2026 at 13:30 ET by Mick Seaman, IEEE 802.1 Security TG Chair, who presided and wrote the minutes assisted by Karen Randall, IEEE 802.1 Security TG Vice-Chair.

Agenda items and dispositions:

1. Meeting introduction. The IEEE SA slides on IEEE SA Patent Policy, Copyright Policy, and Participation Behavior – Individual Method ("Policies") were provided beforehand as part of "MEETING INTRODUCTION" https://www.ieee802.org/1/files/public/templates/admin-TG-intro-0326-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 claims/patent application claims and/or the holder of patent claims/patent application claims 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-2026-plenary-session-security-tg-agenda/.
   Disposition: The agenda was reviewed, discussed and updated as recorded by these minutes.
3. P802.1AReg Secure Device Identity - Amendment: Support for the Module-Lattice-Based Digital Signature Algorithm. The Security TG Chair noted that the SA recirculation ballot comment resolution had been completed in the June 25, 2026 TG electronic meeting, that the ballot closed with 100% approval, and that permission to proceed to RevCom for final approval and subsequent publication would be sought from the LMSC, with a motion to that effect in the 802.1 closing plenary meeting at this session.
   Disposition: For information.
4. P802.1AEef MAC Security - Amendment: Ascon Cipher Suite Working Group Recirculation Ballot comment resolution. Mick Seaman, P802.1AEef editor, presented the results of the ballot (cumulative 96% Approve, 71 % Response, 1 new Disapprove with 3 comments) and led the resolution of comments received on https://www.ieee802.org/1/files/private/ef-drafts/d1/802-1AEef-d1-2.pdf, using a proposed disposition of comments as a starting point: https://www.ieee802.org/1/files/private/ef-drafts/d1/802-1AEef-d1-2-pdis-v00.pdf.
   Discussion:
   - Concern, as expressed in a comment, of losing the interoperability benefits of not requiring all conformant implementations to implement the currently mandated Default Cipher Suite.
   - Concern that requiring further profile standardization to allow the cost benefits of Ascon for functional implementations would effectively delay availability of those benefits with a variety of undesirable possible outcomes, as detailed in the pdis.
   - No issue that new, separate application areas could benefit from Ascon without raising interoperability issues.
   - The development of Cipher Suites has not followed the path anticipated when the Default Cipher Suite was originally mandated. At that time demand was anticipated for many others, including for government use. Subsequently widespread commercial implementation proved most cost effective, and the expected variance

Unapproved Draft

did not materialize. Without a clear Ascon option for constrained systems variance can be expected to reoccur.
- Ascon-optimized designs can make use of additional hardware support in 'constrained' processor implementations, e.g., special register functions embedded in ARM processors. Industry needs clear target to enable investment.
- To date Cipher Suite additions (XPN variants) largely driven by data rate increases to avoid rapid rotation of data keys (SAKs), consistency can then lead to XPN Suites being used at lower speeds with MKA implementations not guaranteed to refresh SAKs at modest rates.
  So we already have a growing implementation interoperability issue.
- Direct implementation cost not the only appeal of Ascon. Avoiding the fatal duplication of nonce/key has always been a concern, and potentially more so in implementations with poor random number generation (good generation mandated by standard, but expensive).
- Interoperability only part of MACsec's appeal. It offers distinct capabilities.
- Perhaps other language or other ways other than requiring additional standardization could be found to address concerns.
- Not concerned about interoperability between implementations designed for different application spaces which are likely to remain distinct.
- Need wording addressing concerns of existing market, try not to confuse installed base.

Disposition: Rough agreement that there is no consensus for a specific change to the draft at this time. Issue will carry forward to SA Ballot with existing Disapprove. The new Must Be Satisfied comment will require a WG recirculation ballot. Permission to be sought from LMSC for Conditional to SA Ballot (subject to WG approval in closing 802.1 plenary meeting).

Mick Seaman, P802.1AEef editor, presented a briefer proposed disposition of comments as more suitable for progression at this stage: https://www.ieee802.org/1/files/private/ef-drafts/d1/802-1AEef-d1-2-pdis-v01.pdf.
Discussion:
- Delete last sentence of the proposed rationale.
- Add that the CRG could not agree to the suggested remedy.
- Is there any liaison to be done with other standards groups specifying/deploying GCM AES (with respect to both Ascon and GCM-AES XPN Cipher Suite requirements).

Disposition: Conditional approval for forwarding to SA Ballot will be sought, final disposition of comments on this ballot is at: https://www.ieee802.org/1/files/private/ef-drafts/d1/802-1AEef-d1-3-dis.pdf.

15.35 ET recess

Call to order Jul 15, 2026 at 13:35 ET by Mick Seaman, IEEE 802.1 Security TG Chair, who presided and wrote the minutes assisted by Karen Randall, IEEE 802.1 Security TG Vice-Chair.

5. MAC Data Security. Mick Seaman, Security TG Chair and P802.1AE-2018-Rev editor, led a discussion on the form that the proposed new work on 'MAC Data Security' might take, and presented "Suggestion for amendment to IEEE Std 802.1AE" https://www.ieee802.org/1/files/private/ae-2018-rev-drafts/new-seaman-mac-data-security-

Unapproved Draft

amendment-analysis-0726-v00.pdf, an analysis of changes required to incorporate 'MAC Data Security' in the revision or an amendment.
Discussion:

- Background in "MAC Data Security" https://www.ieee802.org/1/files/public/docs2026/new-seaman-mac-data-security-0526-v00.pdf.
- Not a definite change to prior argument for a separate standard to not obscure the existing standard, but an attempt to begin due diligence on the question as to whether this should be an amendment, or a separate standard, or will necessarily involve so much case-by-case application of AEAD to particular scenarios that it should be neither (one of our business).
- The devil is always in the details, so plausible presentations are really inadequate so far as ensuring we have a common and sustainable view of what needs to be done in any project.
  Content based on prior individual contributions to 802.1AE going back to 2004.
- If an amendment, suggested conformance requires inclusion of existing MACsec conformance capability.
- Expectation is that SCI be globally unique within one particular use (i.e. one particular type of underlying transport) of the 'MAC Data Security' approach. That is intended to assist network administration without the need to possess the secure keys. However, security requirement is that the SCI be unique within the context of a given CA (Connectivity Association—those peers directly and securely communicating using a transport instance) for each SC (Secure Channel, for frames transmitted by a peer), and the expectation that MKA (as at present) verify that uniqueness (as at present the SCI is input to the nonce, which is required to be unique for each frame as all CA participants use the same succession of data keys (SAKs)).
- As with existing MACsec need to be clear about how the technology fits within networks and systems, so 'MAC data security in networks and systems' expected to be a significant amount of the necessary work.
- Question about the temporary name. 'MAC Data Security' sounds like just trying to protect after the MAC header as MAC addresses can change, but technology applicable at any OSI Layer. Intent of temporary name is to indicate clear relationship to the existing MACsec technology/capability.
  Conformance, as always for our standards, is to externally observable behavior and there is no prohibition on as to the addition of extra frame fields between MAC addresses and the protected data after protection has occurred, just as today extra unprotected fields can be added by a specific MAC or by Ethernet Data Encryption devices (EDEs, see EDE-CS in Clause 15 of 802.1AE-2018 for example).
  Whether those additional fields are actually added after protection, or whether the protection has been selectively applied to the frame after the fields are added is an internal implementation matter. For MAC Data Security as envisaged, the important point is that those unprotected fields are considered to be part of the (use case specific) transport mechanism and only serve to deliver the protected data to the intended recipient. The fact that the protected data was originally sent/protected by a peer in the CA (and confirmation of that peer's identity as represented by the SCI) is validated by successful ICV validation, and not dependent in any way on the properties of the transport fields.
- SecTAG must be in the clear.

Unapproved Draft

- Need Cipher Suite notification (in MKA chosen by Key Server). The Cipher Suite name is not important, and 802.1AE already provides Cipher Suite Identifiers, allowing for both standard and individual Cipher Suite identification creation. The Cipher Suite tells you what to take from the data and the SecTAG and how to put it into a cryptographic AEAD implementation.
- The SCI does not need to be transport specific; in principle it could be with an indication in the SecTAG to use the transport specific rule to generate the SCI. That would require the SCI to be in the transport at both the protecting/transmitting peer and (at each of) the receiving/validating peers in the CA, and validated for uniqueness by MKA. The current use of a MAC address in the SCI is just a way to get a probably unique well understood field in the frame for network administration and a verifiably unique within the CA Scope field for nonce contribution for Cipher Suite use. One MAC Address yields 65,536 which likely comfortably exceeds the number of SCs supportable by a single system interface (given high speed data key expansion and use storage requirements) and there are many systems that incorporate multiple MAC addresses.
- Contribution describes in Cipher Suite section what needs to be protected for successful validation and data origin authenticity, that does not include the last transport label (where that term is applicable).
- Current MACsec chip limitations on the number of Secure Channels (SCs) are a product of the high-speed memory size required to support each SC, which can be split into two components: (a) the per data key (SAK) expansion(s) used in the actual cryptography; and (b) per SC statistics and records for network administration diagnostics. Any notional rearrangement of SC use to improve scaling will not be effective unless it addresses one or both of those issues.
  Sharing SAKs between unrelated CAs (secured connections/groups) is a definite no-no. Prior to the standardization of MKA in 802.1X-2020, statistics were maintained per SA and were subsequently cut back to make it easier to support MACsec in implementations supporting multiple physical links (e.g., 24 for a wiring closet switch). Keeping the number of SCs and SAKs low was an important initial consideration for practical MACsec implementation, and is facilitated by its use in point-to-point single link scenarios.
  However, the practical scale has increased with technology since that time. The number of bits/bytes used for statistics can be computed from Clause 10 of 802.1AE-2018 (although that number may be reduced by optimizing through rolling up shorter counts). 180 bytes (roughly) are needed per SAK to support the key expansion required for high-speed operation, and that number may be further multiplied for multiple parallel operation (more detail to be examined and verified). The statistics counts used to be limiting factor, and could bear revisiting.
- Any network or internally connected part of a network is also a valid system (if the designed network supports interoperability, that interoperability is not changed by installing sheet metal around part of the network). Just as that observation enabled specification of EDEs with extensive capabilities (e.g. traffic shaping per secured peer) without respecifying those capabilities, the same approach can be used with ‘MAC Data Security’ (e.g. using VLAN selection of protected connectivity to a peer with an underlying transport to that peer that does not preserve frames/packets initial MAC addresses).
- Preservation of MAC Privacy protection capabilities (originally 802.1AEdk-2023, now Clauses 17-21 of P802.1AE-2018-Rev) is important. Potential problem with protocol identification with MPLS transport, as the EtherType used with MPLS

Unapproved Draft

(before the label stack) indicates both MPLS and what follows the label stack, so is not a shim in the 802.1 architecture sense. Thought is that the last label could indicate that what follows is a further EtherType, rather than just an IPv4 or IPv6 header (for example). That's a more open/extensible solution than using that changing that last label to specifically identify MAC Privacy protection. Note MAC Privacy protection is not a mode switch for the transport, frames that are simply MACsec protected can be interspersed with privacy protected frames, so implication is that following the transport stack there would be an EtherType for all frames.

- Maximum msdu size can be an issue, as always.
- 15.30 – 16:05 ET recess

Disposition: No firm conclusion on way to progress. Continue discussion in Sep 2026 (Lisbon Portugal) and Jan 2027 (Irvine, CA, USA) interim sessions. PAR Study Group (pre-PAR activity) possibility. Continue to entertain contributions and encourage offline discussion.

6. Any Other Business. No other business was discussed by the Security TG in this session.
7. Future meetings/teleconferences. Agreed (informally, none dissenting) to hold an electronic meeting Aug 10, 2026 13.00 ET to resolve comments on the 2nd WG recirculation ballot of P802.1AEef, and to hold an electronic meeting Aug 31, 2026 13.00 ET to prepare for the September 2026 interim session.
   The Security Task Group will not meet during the Nov 2026 IEEE 802 plenary session in Bangkok, Thailand. It will meet during the Sep 2026 (Lisbon, Portugal) and Jan 2027 (Irvine, CA, USA) IEEE 802.1 interim sessions.

16.40 ET adjournment

7 Time-Sensitive Networking Task Group

Between this session and the preceding session, the IEEE 802.1 Time-Sensitive Networking (TSN) Task Group (TG) held electronic meetings on generic TSN topics whose minutes are incorporated to these session minutes by reference as follows:

- Minutes of the TSN TG meeting held 2026-06-29, 10:00 – 12:00 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;98ba3f11.26&S=
- Minutes of the TSN TG meeting held 2026-07-06, 10:00 – 12:00 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;fb2efe57.26&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 13, 2026 at 8:00 ET by János Farkas, IEEE 802.1 TSN TG Chair (Chair), who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the minutes.

Agenda items and dispositions:

1. Meeting introduction. The IEEE SA slides on IEEE SA Patent Policy, 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.

Unapproved Draft

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/2026-07-plenary-tsn-agenda/.
   Disposition: The agenda was reviewed, discussed and agreed (informally, none dissenting) as presented.
3. Balázs Varga presented "P802.1CBec RESET of SeqRcvy" https://www.ieee802.org/1/files/public/docs2026/ec-varga-RESET-of-SeqRcvy-0726-v00.pdf.
   Disposition: Presentation discussed.
4. Balázs Varga presented "P802.1CBec State Machines of the modified SeqGen and SeqRcvy" https://www.ieee802.org/1/files/public/docs2026/ec-varga-fejes-StateMachine-of-SeqGen-SeqRcvy-0726-v00.pdf.
   Disposition: Presentation discussed.
5. Lisa Maile presented "P802.1CBec — Sequence Generation and Vector Recovery" https://www.ieee802.org/1/files/public/docs2026/ec-maile-cbec-pseudocode-0726-v00.pdf.
   Disposition: Presentation discussed.
6. Martin Mittelberger, P802.1DD editor, led the resolution of comments received on https://www.ieee802.org/1/files/private/dd-drafts/d1/802-1DD-d1-6.pdf.
   Disposition: Disposition per agenda item 12.

10:00 ET recess

Unapproved Draft

Call to order Jul 13, 2026 at 13:30 ET by János Farkas, IEEE 802.1 TSN TG Chair (Chair), who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the minutes.

7. 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.
8. The Chair presented incoming liaison and communication "Request for an Official IEEE 802 Position on Security for Layer-2 Peer-to-Peer Protocols in the IEC/IEEE 60802 Configuration Domain" https://www.ieee802.org/1/files/public/docs2026/liaison-PI-Layer2Securityin60802-0726.pdf.
   Disposition: For Information.
9. The Chair presented incoming liaison and communication "Access to IEEE 802.1 Drafts" https://www.ieee802.org/1/files/public/docs2026/liaison-LNI40-access-to-drafts-0726.pdf.
   Disposition: For Information.
10. The Chair presented draft motions for the July 202 IEEE 802.1 closing plenary meeting.
    Disposition: Draft motions reviewed.
11. Abdul Jabbar presented "Filtering Enhancements For Scheduled Traffic" https://www.ieee802.org/1/files/public/docs2026/new-jabbar-filtering-enhancements-0726-v02.pdf.
    Disposition: Presentation discussed. Further discussion needed.
12. Martin Mittelberger continued to lead the resolution of comments received on https://www.ieee802.org/1/files/private/dd-drafts/d1/802-1DD-d1-6.pdf.
    Disposition: Final disposition: https://www.ieee802.org/1/files/private/dd-drafts/d1/802-1DD-d1-6-dis-v01.pdf.

15:30 ET recess

Call to order Jul 15, 2026 at 8:00 ET by János Farkas, IEEE 802.1 TSN TG Chair (Chair), who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the minutes.

13. The Chair announced that this meeting remains subject to the Policies mentioned in agenda item 1 and asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the Secretary.
14. Paul Bottorff presented "P802.1EH Telemetry Tagging of Data Frames | Resolution of Comments on Project Authorization Request (PAR) and Criteria for Standards Development (CSD)" https://www.ieee802.org/1/files/public/docs2026/eh-PAR-CSD-comments-responses-0726-v01.pdf and led the resolution of comments against the draft PAR https://www.ieee802.org/1/files/public/docs2026/eh-draft-PAR-0526-v01.pdf and draft CSD https://www.ieee802.org/1/files/public/docs2026/eh-draft-CSD-0526-v01.pdf for P802.1EH.
    Disposition: Disposition per agenda item 29.
15. Lihao Chen and Paul Congdon presented "P802.1EJ Backward Notification | Resolution of Comments on Project Authorization Request (PAR) and Criteria for Standards Development (CSD)" https://www.ieee802.org/1/files/public/docs2026/ej-PAR-CSD-comments-responses-0726-v01.pdf and lead the resolution of comments against the draft PAR https://www.ieee802.org/1/files/public/docs2026/ej-draft-PAR-0526-v01.pdf and draft CSD https://www.ieee802.org/1/files/public/docs2026/ej-draft-CSD-0526-v01.pdf for P802.1EJ.
    Disposition:
    Updated draft PAR: https://www.ieee802.org/1/files/public/docs2026/ej-PAR-0726-v01.pdf

Unapproved Draft

Updated draft CSD: https://www.ieee802.org/1/files/public/docs2026/ej-CSD-0726-v01.pdf

16. János Farkas presented "P802.1DGei IEEE Standard for Local and Metropolitan Area Networks - Time-Sensitive Networking Profile for Automotive In-Vehicle Ethernet Communications – Amendment: Automotive Time Synchronization | Resolution of Comments on Project Authorization Request (PAR) and Criteria for Standards Development (CSD)" https://www.ieee802.org/1/files/public/docs2026/ei-PAR-CSD-comments-responses-0726-v01.pdf and led the resolution of comments against the draft PAR https://www.ieee802.org/1/files/public/docs2026/ei-draft-PAR-0526-v01.pdf and draft CSD https://www.ieee802.org/1/files/public/docs2026/ei-draft-CSD-0526-v01.pdf for P802.1DGei.
    Disposition:
    Updated draft PAR: https://www.ieee802.org/1/files/public/docs2026/ei-PAR-0726-v01.pdf
    Updated draft CSD: https://www.ieee802.org/1/files/public/docs2026/ei-CSD-0726-v01.pdf

10:00 – 10:30 ET recess

17. The Chair presented "Liaison response to "Request for an Official IEEE 802 Position on Security for Layer-2 Peer-to-Peer Protocols in the IEC/IEEE 60802 Configuration Domain"" finalized as https://www.ieee802.org/1/files/public/docs2026/liaison-response-PI-Layer2Securityin60802-0726-v00.pdf.
    Disposition: For Information.
18. The Chair presented "Liaison response to LNI 4.0 Access to IEEE 802.1 Drafts" finalized as https://www.ieee802.org/1/files/public/docs2026/liaison-response-LNI40-access-to-drafts-0726-v01.pdf.
    Disposition: For Information.
19. The Chair presented "Liaison on IEEE P802.1DGei" finalized as https://www.ieee802.org/1/files/public/docs2026/liaison-JASPAR-P802-1DGei-0726-v01.pdf.
    Disposition: For Information.
20. The Chair presented "Liaison on IEEE P802.1DGei" finalized as https://www.ieee802.org/1/files/public/docs2026/liaison-AUTOSAR-P802-1DGei-0726-v01.pdf.
    Disposition: For Information.
21. The Chair presented "Liaison on IEEE P802.1DGei" finalized as https://www.ieee802.org/1/files/public/docs2026/liaison-OPEN-Alliance-P802-1DGei-0726-v01.pdf.
    Disposition: For Information.
22. The Chair presented "Liaison on IEEE P802.1DGei" finalized as https://www.ieee802.org/1/files/public/docs2026/liaison-Avnu-P802-1DGei-0726-v01.pdf.
    Disposition: For Information.
23. The Chair presented "Liaison on IEEE P802.1EH and IEEE P802.1EJ" finalized as https://www.ieee802.org/1/files/public/docs2026/liaison-UEC-P802-1EH-and-P802-1EJ-0726-v01.pdf.
    Disposition: For Information.
24. The Chair presented "Time-Sensitive Networking for Industrial Automation" finalized as https://www.ieee802.org/1/files/public/docs2026/60802-blog-post-0726-v01.pdf.
    Disposition: For Information.

Unapproved Draft

25. The Chair presented “CALL FOR PARTICIPATION IEEE P802.1DGei™ | Time-Sensitive Networking Profile for Automotive In-Vehicle Ethernet Communications – Amendment: Automotive Time Synchronization” finalized as https://www.ieee802.org/1/files/public/docs2026/ei-cfp-0726-v01.pdf.
    Disposition: For Information.
26. The Chair presented “CALL FOR PARTICIPATION IEEE P802.1EH™ | Telemetry Tagging of Data Frames” finalized as https://www.ieee802.org/1/files/public/docs2026/eh-cfp-0726-v01.pdf.
    Disposition: For Information.
27. The Chair presented “CALL FOR PARTICIPATION IEEE P802.1EJ™ | Backward Notification” finalized as https://www.ieee802.org/1/files/public/docs2026/ej-cfp-0726-v01.pdf.
    Disposition: For Information.
28. János Farkas presented “P802.1Qee – “Traffic Engineering for Bridged Networks that include Wireless Technologies” Update” https://www.ieee802.org/1/files/public/docs2026/ee-farkas-update-0726-v00.pdf.
    Disposition: Presentation discussed. Further discussion needed.

12:30 – 13:30 ET recess

29. Paul Bottorff continued to present “P802.1EH Telemetry Tagging of Data Frames | Resolution of Comments on Project Authorization Request (PAR) and Criteria for Standards Development (CSD)” https://www.ieee802.org/1/files/public/docs2026/eh-PAR-CSD-comments-responses-0726-v01.pdf and continued to lead the resolution of comments the draft PAR https://www.ieee802.org/1/files/public/docs2026/eh-draft-PAR-0526-v01.pdf and draft CSD https://www.ieee802.org/1/files/public/docs2026/eh-draft-CSD-0526-v01.pdf for P802.1EH.
    Disposition:
    Updated draft PAR: https://www.ieee802.org/1/files/public/docs2026/eh-PAR-0726-v01.pdf
    Updated draft CSD: https://www.ieee802.org/1/files/public/docs2026/eh-CSD-0726-v01.pdf
30. David McCall, P802.1ASeb editor, presented the editor's draft in https://www.ieee802.org/1/files/private/aseb-drafts/d0/eb-mccall-editor-draft-0726-v01.pdf.
    Disposition: Presentation discussed. Further discussion needed.
31. Abdul Jabbar presented “Aerospace and Defense Use Cases for Scheduled Traffic and PSFP” https://www.ieee802.org/1/files/public/docs2026/new-jabbar-aero-use-cases-for-scheduled-traffic-0726-v01.pdf.
    Disposition: Presentation discussed.

18:00 ET adjournment

7.1 IEC/IEEE 60802 Joint Project

Between this session and the preceding session, the IEC/IEEE 60802 Joint Project held no electronic meeting.

See section 1 for attendance and affiliation information.

Unapproved Draft

Call to order Jul 14, 2026 at 8:00 ET 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-0326-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 60802 Chair presented the agenda in https://1.ieee802.org/2026-07-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 presented "Status update and Report of relevant topics from IEC TC65 and SC's plenary" https://www.ieee802.org/1/files/public/docs2026/60802-Proell-Status-60802-0726-v01.pdf.
   Disposition: IEC and IEEE published IEC/IEEE 60802 Edition 1. Based on presentation and discussion in the IEC TC65 and SCs Plenary, a resolution to start maintenance of IEC/IEEE 60802 as a Joint Project with IEEE (prerequisite for Edition 2) passed unanimously. For information.
4. IEC/IEEE 60802-2026-Rev PAR. The TSN TG Chair led the drafting of the draft IEC/IEEE 60802-2026-Rev PAR finalized as https://www.ieee802.org/1/files/public/docs2026/60802-2026-rev-PAR-0726-v01.pdf.
   Disposition: Revision PAR drafted.
5. Draft response to Liaison Letter Request for an Official IEEE 802 Position on Security for Layer-2 Peer-to-Peer Protocols in the IEC/IEEE 60802 Configuration Domain. The TSN TG Chair presented "Liaison response to "Request for an Official IEEE 802 Position on Security for Layer-2 Peer-to-Peer Protocols in the IEC/IEEE 60802 Configuration Domain"" https://www.ieee802.org/1/files/public/docs2026/liaison-response-PI-Layer2Securityin60802-0726-v00.pdf.
   Disposition: Liaison response drafted.
6. Blog post on IEC/IEEE 60802. The TSN TG Chair started to present "Time-Sensitive Networking for Industrial Automation" https://www.ieee802.org/1/files/public/docs2026/60802-blog-post-0726-v01.pdf and proposed to postpone the topic to an upcoming TSN TG meeting because the end of this meeting's time slot was reached.
   Disposition: Agreed (informally, none dissenting) to postpone the agenda topic to the TSN TG meeting to be held Jul 15, 2026 AM2 time slot.

10:15 ET adjournment

Working Draft

8 Nendica

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

- Minutes of the Nendica meeting held 2026-04-16 09:00-11:00 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;c491509a.26
- Minutes of the "Header Compression" Workshop held 2026-04-23 10:00-14:00 ET https://www.ieee802.org/3/ad_hoc/E4AI/public/26_0423/minutes_e4ai_260423_unapproved.pdf
- Minutes of the Nendica meeting held 2026-04-30 09:00-11:00 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;8857e15a.26
- Minutes of the Nendica meeting held 2026-05-14 09:00-11:00 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;3b4b1bb5.26
- Minutes of the Nendica meeting held 2026-05-28 09:00-11:00 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;5efb003.26
- Minutes of the Nendica meeting held 2026-06-11 09:00-11:00 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;7859a57f.26
- Minutes of the Nendica meeting held 2026-06-25 09:00-11:00 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;3b27cd90.26
- Minutes of the Nendica meeting held 2026-07-09 09:00-11:00 ET https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;e0986342.26

See section 1 for attendance and affiliation information.

Call to order Jul 14, 2026 at 10:30 ET by Roger Marks, IEEE 802 Nendica Chair ("Chair") who presided over the meeting, in Montreal, Canada with remote participation, and 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-prePAR-intro-0326-v01.pdf.
   The Chair reviewed the procedures per the agenda. 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-2026-07-plenary/.
3. Minutes. The Chair reviewed the draft Minutes of the Nendica meeting of 2026-07-09 https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;e0986342.26.
   Disposition: It was agreed (informally, none dissenting) to approve the minutes.
4. Nendica Organization. No activity.
5. AICN Study Item. It was noted for information that the Work Item Proposal on Backward Notification for Traffic Management in AI Data Center Networks https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2026&is_dcn=0013 continues to be in review, with comments due 14 July 2026 at 18:30 ET. No comments have been received to date.
6. Vetting and New Topics.
   Johannes Specht presented portions of "QoS on IEEE 802.3 10BASE-T1S — IEEE 802.1 Aspects" (Rev. 4)

Unapproved Draft

https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2026&is_dcn=0014.
Disposition: Presentation discussed. There was discussion of the value of coordination between the 802.3 and 802.1 Working Groups for success in this topic, and for the role of Nendica in facilitating coordination.
Runlong Hu presented "Considerations for Convergence of Ethernet Header Compression in AI Cluster Networks" (Rev. 0)
https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2026&is_dcn=0036.
Disposition: Presentation discussed. Followup discussion scheduled for Thursday.
Uri Elzur presented "Header Compression with Layer Separation" (Rev. 3)
https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2026&is_dcn=0035.
Disposition: Presentation discussed. Followup discussion scheduled for Thursday.
Paul Borrill presented "The Case for Bilateral Transactions in Ethernet" (Rev. 0)
https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2026&is_dcn=0015.
Disposition: Presentation discussed.

7. Meeting Continuation. Following recess, the Nendica session will continue Thursday 08:00.

12:50 ET (approximate) recess

Call to order Jul 16, 2026 at about 8:07 ET by Roger Marks, IEEE 802 Nendica Chair ("Chair") who presided over the meeting, in Montreal, Canada with remote participation, and wrote the minutes.

8. Meeting introduction and other administrative items. The Chair announced that the meeting remains subject to policies and procedures as notified at the start of the Jul 14, 2026 Nendica 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.
9. Agenda review
   Disposition: The agenda for the day was reviewed and agreed (informally, none dissenting) as https://1.ieee802.org/802-nendica-agenda-2026-07-16/.
10. AICN Study Item

    Lily Lyu presented "Draft Response to Comments on the Work Item Proposal" (Rev. 0) https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2026&is_dcn=0040, discussing comments received from the 802.3 Working Group. After discussion, it was agreed (informally, none dissenting) to adopt the responses per Rev. 1. Consequently, it was agreed (informally, none dissenting) to forward the proposed IEEE 802 Nendica Work Item Proposal: Backward Notification for Traffic Management in AI Data Center Networks (AIBN) (Rev. 5)
    https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2026&is_dcn=0013 for approval of the IEEE 802.1 Working Group.
    Guangping Huang presented "Follow-up Discussion of Switch-Controlled Packet-Level Load Balancing: Application Scenarios and Tag Analysis"
    https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2026&is_dcn=0037.
    Disposition: Presentation discussed.
    Paul Congdon presented "Scale-out and Scale-up with the Ultra Ethernet Transport"
    https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2026&is_dcn=0042.
    Disposition: Presentation discussed.
11. Vetting and New Topics
    - Roger Marks presented "Proposed next steps for Header Efficiency"
      https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2026&is_dcn=0043.

Unapproved Draft

Disposition: It was agreed (informally, none dissenting) to initiate a Study Item on Frame Header Efficiency (FHE) as proposed in the document.

- Paul Borrill presented "Defining Atomicity for the Link Layer" https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2026&is_dcn=0041.
  Disposition: Presentation discussed.

12. Next meeting. Nendica intends to meet next electronically on Aug 6, 2026, 9:00-11:00 ET.
13. Other Business. Roger Marks presented "Nendica ICCOM report 2026" (Rev. 0) https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2026&is_dcn=0030.
    Disposition: It was agreed (informally, none dissenting) to forward the report per the document, as amended to Rev. 1 based on the meeting details.
    Roger Marks presented "Nendica Closing Report, July 2026" (Rev. 0) https://mentor.ieee.org/802.1/documents?is_group=ICne&is_year=2026&is_dcn=0032.
    Discussion: There was discussion about language in the report indicating the value of coordination between the 802.3 and 802.1 Working Groups for success in this topic, and for the role of Nendica in facilitating coordination. There was discussion about the proposal to time-share future meetings by scheduling a fixed start time for major topic so that interested participants can join at a known time.
    Disposition: It was agreed (informally, none dissenting) to forward the report to the 802.1 Working Group per the document, as amended to Rev. 1 based on the meeting details.

10:20 ET (approximate) adjournment

9 YANGsters

Between this session and the preceding session, YANGsters held no electronic meetings.

YANGsters did not meet at this session.

10 Closing plenary meeting

Call to order Jul 16, 2026 at 13:02 ET by the Chair who presided. The Recording Secretary wrote the minutes.

See section 1 for attendance and affiliation information.

The Chair presented "Closing Plenary July 2026" finalized as https://www.ieee802.org/1/files/public/minutes/2026-07-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).

Unapproved Draft

- 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 Policy (slides 17 to 19) and IEEE SA Participation – Individual Method policy (slides 20 to 25) made available beforehand (as announced in the opening plenary meeting—see section 3).
- Reminded participants of the various plenary session registration fees applying and attendant registration details (slides 26-27).
- Provided general information regarding meeting contributions, minutes, schedule for all Working Groups, website (slide 28).
- Showed the list of 802.1 officers and leadership (slide 29).
- Recognized the editors of current projects (slide 30).
- Reminded 802.1 participants and voting members of obligations regarding 802.1 voting membership and how voting membership may be requested and retained (slide 31).
- 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 32).
- Reviewed the list of 802.1 voting members (slide 33), including information about individuals who gained (slide 34), may gain (slide 35), could lose (slide 36), or will lose (slide 37) 802.1 voting membership.
- Reminded individual participants of 802.11 reciprocal credit (slide 38), 802.3 reciprocal credit (slide 39), and LMSC reciprocal credit (slide 40), all of which were continued at this session.
- Had the 802.1 Executive Secretary summarize information about the Sep 2026 (slide 41), Jan 2027 (slide 42), May 2027 (slides 43-44), Sep 2027 (slide 45), and Jan 2028 (slide 46) interim sessions, summarize the schedule for future interim (slide 47) and plenary (slide 48) sessions, which remained unchanged from the opening plenary meeting except for the sessions noted under “Future interim sessions” below:
    - Future interim sessions:
        - September 2027
            - Co-located with IEEE 802.3 WG, hosted by Huawei, as in-person session with provisions to support mixed mode
            - Date: Sep 13-16, 2027
            - Location: Antwerp, Belgium
        - January 2028
            - Co-located with IEEE 802.3 WG, hosted by Eridu, as in-person session with provisions to support mixed mode
            - Date: Jan 17-20, 2028
            - Location: San Diego, CA, USA
        - May/Sep 2028
            - Hosts invited
    - Lihao Chen presented “IEEE 802.3 & 802.1 September 12-16th 2027 Offer to Host” https://www.ieee802.org/1/files/public/docs2026/admin-kehrer-Sep2027-interim-offer-to-host-Huawei-0726-v01.pdf.
      Discussion: Sep 13-16, 2027 would be the 802.1 dates.
      Disposition: For information.
    - The Executive Secretary presented “IEEE 802.1 January 16-20th, 2028 Interim Offer to Host by Eridu Collocating with 802.3” https://www.ieee802.org/1/files/public/docs2026/admin-kehrer-Jan2028-interim-offer-to-host-Eridu-0726-v01.pdf.

Unapproved Draft

Discussion: 802.11 is meeting in Panama City, Panama the same week and the host is yet to confirm whether 802.1 can be hosted.
Disposition: For information.

- Regarding future plenary sessions, it is yet to be confirmed whether the Nov 13-18, 2028 session would be located in Madrid, Spain.

- Conducted the following straw polls (slide 49)
  - 1. Would you like to come back to this venue?
    - Yes – **18** No – **7** Abstain – **8** Did not respond – **11** (44 in room)
  - 2. Did you go to the social?
    - Yes – **25** No – **7** Abstain – **3** Did not respond – **9** (44 in room)
  - 3. Did you like the social?
    - Yes – **15** No – **5** Abstain – **9** Did not respond – **15** (44 in room)
- Provided the anticipation of next actions with respect to projects in the WG's current workload (slide 50).
- Showed the updated 802.1 plenary session schedule (slide 51).
- Requested that the subgroup Chairs provide reports on the activities of their subgroups during this plenary session (slide 52) (see individual subgroup minutes above for details):
  - The Chair presented the report on slide 53.
  - The Maintenance TG Chair presented the report on slides 54-56.
  - The Security TG Chair presented the report on slide 57.
  - The TSN TG Chair and the IEC/IEEE 60802 Joint Project Chair presented the report on slide 58.
  - The Nendica Chair presented the report on slides 59-62.
- Introduced the promotion work of the WG (slide 63) and had the TSN TG Chair provide information about a registration fee discount available upon request for attending the Sep 30 – Oct 1, 2026 TSN/A Conference.
- Summarized public visibility encouraging anyone to volunteer as coordinator for 802.1 (slide 64).
- Recognized participants set to receive WG Chair Awards for their contributions following the publication of approved projects (slide 65).
- Summarized discussion during the ITU SC – ITU Coordination meeting held this session (slide 66).
  - The Chair extended thanks to 802.1 participants involved in the July 11, 2026 Tenth Joint IEEE 802 and ITU-T Study Group 15 Workshop – Emerging standards in the AI/ML world https://www.itu.int/en/ITU-T/Workshops-and-Seminars/2026/0711/Pages/default.aspx.
  - Potential normalization of the process underlying incorporation by reference was briefly discussed and it was suggested P802.1AReg could benefit from this process.
  - The possibility of future interim sessions being collocated with ITU interim meetings was noted.
- Had the Liaison Secretary summarize liaison resources (slide 67), and review incoming liaisons reviewed at this session (slide 68).
  - No changes related to the 2026 July IEEE 802 Plenary Tutorial Session 1 were made to the 802.1 liaison template.
- Had the Liaison Secretary and TSN TG Chair summarize and lead the final review of the set of draft outgoing liaisons updated as finalized and voted (slides 69-70 and motion slides).
- Provided guidance on using DirectVoteLive to vote on motions (slide 71).
- Following 15:20 – 15:51 ET recess, showed the 802.1 consent agenda items for the LMSC closing plenary meeting (slides 72-75).

Unapproved Draft

- Conducted votes on the following motions (slides 76-138) that all passed unless indicated otherwise. (Supporting information is available in "Closing Plenary July 2026" finalized as https://www.ieee802.org/1/files/public/minutes/2026-07-closing-plenary-slides.pdf.)

Motions for 802 LMSC
Consent Agenda
PARs to NesCom

  - Motion
    - Approve forwarding P802.1EH PAR documentation in https://www.ieee802.org/1/files/public/docs2026/eh-PAR-0726-v01.pdf to NesCom
    - Approve CSD documentation in https://www.ieee802.org/1/files/public/docs2026/eh-CSD-0726-v01.pdf
    - In the WG, Proposed: Paul Bottorff, Second: Jessy Rouyer
      - PAR (y/n/a): 31, 1, 0
      - CSD (y/n/a): 29, 2, 0
  - Motion
    - Approve forwarding P802.1EJ PAR documentation in https://www.ieee802.org/1/files/public/docs2026/ej-PAR-0726-v01.pdf to NesCom
    - Approve CSD documentation in https://www.ieee802.org/1/files/public/docs2026/ej-CSD-0726-v01.pdf
    - In the WG, Proposed: Lily Lyu, Second: Paul Bottorff
      - PAR (y/n/a): 31, 1, 1
      - CSD (y/n/a): 30, 1, 2
  - Motion
    - Approve forwarding P802.1DGei PAR documentation in https://www.ieee802.org/1/files/public/docs2026/ei-PAR-0726-v01.pdf to NesCom
    - Approve CSD documentation in https://www.ieee802.org/1/files/public/docs2026/ei-CSD-0726-v01.pdf
    - In the WG, Proposed: János Farkas, Second: Dieter Proell
      - PAR (y/n/a): 30, 1, 3
      - CSD (y/n/a): 30, 1, 3
  - Motion
    - Approve forwarding IEC/IEEE 60802-2026 Revision PAR documentation in https://www.ieee802.org/1/files/public/docs2026/60802-2026-rev-PAR-0726-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: János Farkas, Second: Dieter Proell
      - PAR (y/n/a): 29, 1, 4
  - Motion
    - Approve forwarding P802.1Qdv PAR withdrawal request to NesCom
    - Reason for the withdrawal:
      - Lack of interest.
    - Explanation for withdrawal:
      - The contributors and editor driving the project no longer attend.
    - In the WG, Proposed: Mick Seaman, Second: Jessy Rouyer
      - PAR (y/n/a): 30, 1, 2

Unapproved Draft

- Motion
  - Approve forwarding P802.1Qdw PAR withdrawal request to NesCom
  - Reason for the withdrawal:
    - Other
  - Explanation for withdrawal:
    - The project is being replaced by a project (IEEE P802.1EJ) for a stand-alone standard instead of an amendment to IEEE Std 802.1Q.
  - In the WG, Proposed: János Farkas, Second: Jessy Rouyer
    - PAR (y/n/a): 29, 0, 3
- Motion
  - Approve forwarding IEEE 802.1CM-2018 Revision PAR documentation in https://www.ieee802.org/1/files/public/docs2026/cm-2018-rev-PAR-0726-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: János Farkas, Second: Jessy Rouyer
    - PAR (y/n/a): 29, 0, 3

Motions for 802 LMSC
Consent Agenda
Drafts to SA Ballot

- Motion
  - Conditionally approve sending P802.1AEef D1.2 to Standards Association ballot
  - Confirm the CSD for P802.1AEef in https://www.ieee802.org/1/files/public/docs2025/ef-ascon-macsec-cipher-suite-CSD-1125-v00.pdf
  - P802.1AEef D1.2 had 96% approval at the end of the last WG ballot
  - In the WG, Proposed: Mick Seaman, Second: Karen Randall
  - Sending draft (y/n/a): 28, 2, 3
  - CSD (y/n/a): 30, 0, 3

Motions for 802 LMSC
Consent Agenda
Drafts to RevCom

- Motion
  - Approve sending P802.1AB-2016-Rev D2.3 to RevCom
    Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality
  - P802.1AB-2016-Rev D2.3 had 100% approval at the end of the last SA ballot
  - In the WG, Proposed: Paul Bottorff, Second: Mark Hantel
  - Sending draft (y/n/a): 33, 0, 0

Unapproved Draft

- Motion
  - Approve sending P802.1AC-2016-Rev D2.1 to RevCom
    Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality
  - P802.1AC-2016-Rev D2.1 had 94% approval at the end of the last SA ballot
  - In the WG, Proposed: Jessy Rouyer, Second: Mark Hantel
  - Sending draft (y/n/a): 31, 0, 2
- Motion
  - Approve sending P802.1X-2020/Cor1 to RevCom
    Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality
  - P802.1X-2020/Cor1 D2.1 had 100% approval at the end of the last SA ballot
  - In the WG, Proposed: Mark Hantel, Second: Karen Randall
  - Sending draft (y/n/a): 32, 0, 1
- Motion
  - Approve sending P802.1AReg D2.1 to RevCom
  - Approve CSD documentation in https://www.ieee802.org/1/files/public/docs2025/eg-ml-dsa-CSD-0925-v00.pdf
  - P802.1AReg D2.1 had 100% approval at the end of the last SA recirculation ballot (see P802-1AReg D2.1)
  - In the WG,
  - Proposed: Paul Bottorff, Second: Mick Seaman
    - Forwarding draft to RevCom (y/n/a): 32, 0, 1
    - CSD (y/n/a): 29, 0, 2

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

- Motion
  - Approve sending CIB ballot comment responses to ISO/IEC JTC1 SC6 on IEEE Std 802.1AS-2025 and IEEE Std 802.1ASed-2026
    - https://www.ieee802.org/1/files/public/docs2026/liaison-SC6-8021AS2025CommentResponse-0726.pdf
    - https://www.ieee802.org/1/files/public/docs2026/liaison-SC6-8021ASedCommentResponse-0726.pdf
  - In the WG, Proposed: Mark Hantel Second: Karen Randall
    - Sending draft (y/n/a): 31, 0, 0
- Motion
  - Approve sending draft standard(s) to ISO/IEC JTC1 SC6 for information under the PSDO agreement, when SA ballot starts:
    - IEEE P802.1AEef
  - In the WG, Proposed: Mark Hantel Second: Karen Randall
    - Sending draft (y/n/a): 30, 0, 2

Unapproved Draft

- Motion
  - Approve sending standard(s) to ISO/IEC JTC1 SC6 for adoption under the PSDO agreement, when published:
    - IEEE Std 802.1X-2020/Cor1, IEEE 802.1AC-Rev, and IEEE 802.1AReg
  - In the WG, Proposed: Mark Hantel Second: Karen Randall
    - Sending draft (y/n/a): 30, 0, 2
- Motion
  - Approve the blog post on IEC/IEEE 60802 https://www.ieee802.org/1/files/public/docs2026/60802-blog-post-0726-v01.pdf to be released with editorial changes as deemed necessary.
  - Proposed: János Farkas
  - Second: Dieter Proell
  - In the WG (y/n/a): 29, 0, 2
- Motion
  - Approve the Call for Participation in the IEEE P802.1EH project in https://www.ieee802.org/1/files/public/docs2026/eh-cfp-0726-v01.pdf for release by IEEE SA with editorial changes as deemed necessary, after IEEE SASB approval of the IEEE P802.1EH PAR.
  - Proposed: János Farkas
  - Second: Dieter Proell
  - In the WG (y/n/a): 30, 0, 2
- Motion
  - Approve the Call for Participation in the IEEE P802.1EJ project in https://www.ieee802.org/1/files/public/docs2026/ej-cfp-0726-v01.pdf for release by IEEE SA with editorial changes as deemed necessary, after IEEE SASB approval of the IEEE P802.1EJ PAR.
  - Proposed: János Farkas
  - Second: Dieter Proell
  - In the WG (y/n/a): 31, 1, 1
- Motion
  - Approve the Call for Participation in the IEEE P802.1DGei project in https://www.ieee802.org/1/files/public/docs2026/ei-cfp-0726-v01.pdf for release by IEEE SA with editorial changes as deemed necessary, after IEEE SASB approval of the IEEE P802.1DGei PAR.
  - Proposed: János Farkas
  - Second: Dieter Proell
  - In the WG (y/n/a): 32, 0, 1

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

- Motion
  - Approve sending https://www.ieee802.org/1/files/public/docs2026/liaison-response-LNI40-access-to-drafts-0726-v01.pdf as communication to LNI 4.0 after editorial coordination, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
  - Proposed: János Farkas
  - Second: Dieter Proell
  - In the WG (y/n/a): 30, 1, 3

Unapproved Draft

- Motion
  - Approve sending https://www.ieee802.org/1/files/public/docs2026/liaison-UEC-P802-1EH-and-P802-1EJ-0726-v01.pdf as communication to the Ultra Ethernet Consortium after IEEE SASB approval of the P802.1EH and P802.1EJ PARs, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
  - Proposed: János Farkas
  - Second: Stephan Kehrer
  - In the WG (y/n/a): 32, 1, 1
- Motion
  - Approve sending https://www.ieee802.org/1/files/public/docs2026/liaison-response-PI-Layer2Securityin60802-0726-v00.pdf as communication to PROFIBUS and PROFINET International (PI) after editorial coordination, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
  - Proposed: János Farkas
  - Second: Karen Randall
  - In the WG (y/n/a): 28, 1, 5
- Motion
  - Approve sending https://www.ieee802.org/1/files/public/docs2026/liaison-AUTOSAR-P802-1DGei-0726-v01.pdf as communication to AUTOSAR after IEEE SASB approval of the P802.1DGei PAR, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
  - Proposed: János Farkas
  - Second: Max Turner
  - In the WG (y/n/a): 29, 0, 2
- Motion
  - Approve sending https://www.ieee802.org/1/files/public/docs2026/liaison-JASPAR-P802-1DGei-0726-v01.pdf as communication to JASPAR after IEEE SASB approval of the P802.1DGei PAR, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
  - Proposed: János Farkas
  - Second: Max Turner
  - In the WG (y/n/a): 30, 0, 4
- Motion
  - Approve sending https://www.ieee802.org/1/files/public/docs2026/liaison-OPEN-Alliance-P802-1DGei-0726-v01.pdf as communication to OPEN Alliance after IEEE SASB approval of the P802.1DGei PAR, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
  - Proposed: János Farkas
  - Second: Johannes Specht
  - In the WG (y/n/a): 31, 0, 3

Unapproved Draft

- Motion
  - Approve sending https://www.ieee802.org/1/files/public/docs2026/liaison-Avnu-P802-1DGei-0726-v01.pdf as communication to Avnu Alliance after IEEE SASB approval of the P802.1DGei PAR, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
  - Proposed: János Farkas
  - Second: Stephan Kehrer
  - In the WG (y/n/a): 32, 1, 1

Motions for 802 LMSC
Consent Agenda
WG items (II)

- Yunping(Lily) Lyu presented "IEEE 802 Nendica Work Item Proposal: Backward Notification for Traffic Management in AI Data Center Networks (AIBN)" https://mentor.ieee.org/802.1/dcn/26/1-26-0013-05.pdf
  Disposition: For information.
- Motion
  - Confirm the initiation of the IEEE 802 Nendica new Work Item on Backward Notification for Traffic Management in AI Data Center Networks (AIBN) https://mentor.ieee.org/802.1/dcn/26/1-26-0013-05.pdf
  - Proposed: Johannes Specht
  - Second: Paul Congdon
  - In the WG (y/n/a): 28, 2, 3
- The Nendica Chair presented "IC17-001 IEEE 802 Network Enhancements for the Next Decade Industry Connections Activity (Nendica) Type: Individual Report Date: 24 September 2026" https://mentor.ieee.org/802.1/dcn/26/1-26-0030-00-ICne-nendica-iccom-report-2026.pptx.
  Disposition: To be submitted to ICCOM after the closing plenary meeting of the LMSC at this session.
- Motion
  - IEEE 802 "Network Enhancements for the Next Decade" Industry Connections Activity (Nendica) annual report https://mentor.ieee.org/802.1/dcn/26/1-26-0030-00-ICne-nendica-iccom-report-2026.pptx
  - In WG and LMSC, for information

Administrative
WG Motions

- Motion
  - 802.1 approves:
    - March 2026 (plenary) session minutes:
      - https://www.ieee802.org/1/files/public/minutes/2026-03-minutes.pdf
    - May 2026 (interim) session minutes:
      - https://www.ieee802.org/1/files/public/minutes/2026-05-minutes.pdf
    - Proposed: Jessy Rouyer
    - Seconded: Johannes Specht
    - Approved by acclamation

Unapproved Draft

- 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
- Motion
  - 802.1 approves to hold an 802.1 interim session, May 10-13, 2027, in Hamburg, Germany, hosted by Airbus, as in-person session with provisions to support mixed mode.
  - Proposal in https://www.ieee802.org/1/files/public/docs2026/admin-lambers-May27-interim-0726-v02.pdf
  - Proposed: Stephan Kehrer Seconded: Jessy Rouyer
  - Yes: 23 No: 1 Abstain: 4
- Motion
  - 802.1 approves to hold an 802.1 interim session, co-located with the 802.3 WG, Sep 13-16, 2027, in Antwerp, Belgium, hosted by Huawei, as in-person session with provisions to support mixed mode.
  - Proposal in https://www.ieee802.org/1/files/public/docs2026/admin-kehrer-Sep2027-interim-offer-to-host-Huawei-0726-v01.pdf
  - Proposed: Stephan Kehrer Seconded: Dieter Proell
  - Yes: 24 No: 1 Abstain: 3
- Motion
  - 802.1 approves to hold an 802.1 interim session, co-located with the 802.3 WG, Jan 17-20, 2028, in San Diego, CA, USA, hosted by Eridu, as in-person session with provisions to support mixed mode.
  - Proposal in https://www.ieee802.org/1/files/public/docs2026/admin-kehrer-Jan2028-interim-offer-to-host-Eridu-0726-v01.pdf
  - Proposed: Stephan Kehrer Seconded: Mick Seaman
  - Yes: 15 No: 8 Abstain: 6
  - Motion fails
- The failure of this motion was discussed.
- Motion
  - Considering discussion, move to reconsider the previous motion on a January 2028 interim session.
  - Moved: Silvana Rodrigues
  - Second: Ramesh Sivakolundu
  - Yes: 17 No: 9 Abstain: 2
- Motion
  - 802.1 approves to hold an 802.1 interim session, co-located with the 802.3 WG, Jan 17-20, 2028, in San Diego, CA, USA, hosted by Eridu, as in-person session with provisions to support mixed mode.
  - Proposal in https://www.ieee802.org/1/files/public/docs2026/admin-kehrer-Jan2028-interim-offer-to-host-Eridu-0726-v01.pdf
  - Proposed: Stephan Kehrer Seconded: Mick Seaman
  - Yes: 14 No: 8 Abstain: 4
  - Motion fails

  The Chair noted that the 802.1 management team will discuss the concerns expressed against this motion, including travel approvals for an in-person January session, session registration fees for remote participants, and a preference for non-US sessions.

Unapproved Draft

Future meetings table

Subgroup	Topic	Date	Time	Recurrence	Date announcements (days prior)	Agenda announcements (days prior)	Agenda	Access Information
YANGsters	per agenda	Tue 2026-07-28	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	as announced			10 days	10 days	802.1 Minutes email list	https://1.ieee802.org/category/maintenance-tg-agenda/
Maintenance TG	per agenda	Mon 2026-11-09	8:00 - 10:00 local	none	motion	14 days	https://1.ieee802.org/category/maintenance-tg-agenda/	https://1.ieee802.org/meetings/
Security TG	Approved projects 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 2026-11-09	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 2026-07-27	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 2026-08-06	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/

Unapproved Draft

Nendica
WG Motions

YANGsters
WG Motions

Maintenance TG
WG Motions

Security TG
WG Motions

TSN TG
WG Motions

- Motion
  - 802.1 authorizes Martin Mittelberger, the Editor of P802.1DD Standard for Local and Metropolitan Area Networks – Resource Allocation Protocol to prepare drafts for and conduct Working Group balloting.
  - Proposed: János Farkas
  - Second: Stephan Kehrer
  - In the WG (y/n/a): 22, 0, 3
- Motion
  - 802.1 authorizes the TSN TG to generate PAR and CSD for an amendment to IEEE 802.1Q on minSDU filtering at the September 2026 interim session for pre-circulation to the LMSC.
  - Proposed: Alon Regev
  - Second: Rajeev Roy
  - In the WG (y/n/a): 23, 0, 3

- Called for Any Other Business (slide 139).
  - No other business was discussed in this meeting.

18:20 ET adjournment

11 Next Session

Sep 14-17, 2026 mixed mode interim session in Lisbon, Portugal.

Unapproved Draft