

802.1 – Activities & status

Glenn Parsons

Chair, IEEE 802.1 WG

glenn.parsons@ericsson.com

Jessy Rouyer

Vice-Chair, IEEE 802.1 WG

jessy.rouyer@nokia.com

March 11, 2024

ec-24-0047-00-00EC

Areas of work

- 802 Architecture and interworking between 802 technologies
 - Cross-802 Architecture group, including “Technical Plenary” if needed
- Time-Sensitive Networking (TSN) Task Group:
 - Bridges and Bridged Networks
 - Discovery mechanisms
 - Link aggregation and protection
 - Time synchronization
 - Stream reservation and transmission support
 - Enhanced queuing and protection algorithms
 - Congestion management
 - TSN profiles for fronthaul, industrial, automotive and aerospace
 - Local Address usage including protocols for local address acquisition
- Security Task Group:
 - Secure frame transmission, Key management and Secure device identity
 - Port authentication
 - Privacy
- Maintenance Task Group
 - Tracking issues reported with published standards
- YANGsters
 - Network Management Data Modelling
- 802 NENDICA
 - IEEE 802 “Network Enhancements for the Next Decade” Industry Connections Activity

Officers and Leadership

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



Editors – current projects

- [802.1Q editor](#) – Mick Seaman
 - [P802.1Qdd](#) – Feng Chen
 - [P802.1Qdj](#) – Stephan Kehrer
 - [P802.1Qdq](#) – Hiroki Nakano
 - [P802.1Qdt](#) – Lily Lyu
 - [P802.1Qdv](#) – Norman Finn
 - [P802.1Qdx](#) – Abdul Jabbar
 - [P802.1Qdy](#) – Martin Mittelberger
- [P802-REVc](#) – James Gilb
- 802.1AC editor – John Messenger
 - P802.1ACea – Marco Hernandez
- 802.1AE editor - Mick Seaman
- 802.1AS editor – Geoffrey Garner
 - [P802.1ASdm](#) – Geoffrey Garner
 - [P802.1ASdn](#) – Johannes Specht
 - [P802.1ASdr](#) – Silvana Rodrigues
 - [P802.1ASds](#) – Silvana Rodrigues
- 802.1AX editor – Steve Haddock
- [P802.1CQ](#) – Roger Marks
- [P802.1CS](#) – Norman Finn
- [P802.1DC](#) – Norman Finn
- [P802.1DG](#) – Max Turner
- [P802.1DP / SAE AS6675](#) – Abdul Jabbar
- [P802.1 DU](#) – Johannes Specht
- [IEC/IEEE 60802](#) – Jordon Woods

Sanity check – current workload

Project	Short Title	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1CQ	Multicast and Local Address Protocol	PAR extension	TG Ballot	D0.8	TG Ballot	Dec '24
60802 (DA)	TSN Profile for Industrial Automation	PAR modification	WG Ballot	D2.2	SA ballot conditional	Dec '25
802.1DC	QOS provision by network systems	SA Ballot	SA Ballot	D3.0	RevCom conditional	Dec '24
802.1Qdd	Resource Allocation Protocol	PAR extension	TG Ballot	D0.8	WG Ballot	Dec '25
802.1DG	TSN Profile for Automotive Networks	PAR Extension	TG Ballot	D2.4	WG Ballot	Dec '25
802.1Qdj	TSN Configuration Enhancements	SA Ballot	SA Ballot	D2.0	RevCom conditional	Dec '25
802.1ASdm	Hot standby	SA Ballot conditional	SA Ballot	D2.0	RevCom conditional	Dec '24
802.1ASdn	Time Synch YANG	SA Ballot conditional	SA Ballot	D2.0	RevCom conditional	Dec '24
802.1DP	TSN Profile for Aerospace	TG Ballot	TG Ballot	D1.1	WG Ballot	Dec '24
802.1Qdq	Tspec	TG Ballot	PAR approved	D0.4	TG Ballot	Dec '25
802.1ASdr	Inclusive Language	RevCom	Approved - Feb 15	D1.2	publication	Dec '25
802.1ASds	Half-duplex support	TG Ballot	TG Ballot	D0.2	TG Ballot	Dec '26
802.1Qdt	PFC MACsec	PAR modification	Editor's draft	D0.2	TG Ballot	Dec '26
802.1DU	Cut-through forwarding	TG Ballot	TG Ballot	D0.2	TG Ballot	Dec '27
802.1Qdv	Cyclic Queueing and Forwarding	TG Ballot	TG Ballot	D0.3	TG Ballot	Dec '26
802-rev	O&A	WG Ballot	WG Ballot	D1.2	SA ballot conditional	Dec '26
802.1Qdw	Source Flow Control	Nescom	PAR approved		Editor's draft	Dec '26
802.1CS/cor1	LRP corrigendum	RevCom	Approved - Feb 15	D2.1	publication	Dec '26
802.1Qdx	YANG for CBS	SA Ballot conditional	SA Ballot	D2.0	RevCom conditional	Dec '27
802.1Q-2022 rev	Bridges and Bridged Networks	TG Ballot	PAR approved		Editor's draft	Dec '27
802.1AS-2020 rev	Timing and Synchronization	TG Ballot	Editor's draft	D1.0	TG Ballot	Dec '27
802.1Qdy	YANG for MSTP	WG ballot	WG ballot	D1.0	SA ballot conditional	Dec '27
802.1AXdz	YANG for LAG	NesCom	PAR approved		Editor's draft	
802.1ACea	802.15.16 convergence	PAR Development	WG PAR review		Editor's draft	
802.1CB/cor1	FRER corrigendum	PAR Development	WG PAR review		Editor's draft	
802.1ASeb	Announce	PAR Development	WG PAR review		NesCom	

802.1 electronic meeting schedule

MT Start	MT End	Monday Mar11	Tuesday Mar 12		Wednesday Mar 13			Thursday Mar 14		Friday Mar 15	ET Start	PT Start	CET start	JST start		
08:00	08:30	TSN	Maintenance		TSN	P802-REVc		TSN P802.1DG	Nendica	TSN	10:00	07:00	15:00	23:00		
08:30	09:00										10:30	07:30	15:30	23:30		
09:00	09:30										11:00	08:00	16:00	00:00		
09:30	10:00										11:30	08:30	16:30	00:30		
10:00	10:30									12:00	09:00	17:00	01:00			
10:30	11:00	Opening Plenary	TSN P802.1DG		TSN	TSN 60802	Security	TSN	TSN 60802	TSN 60802	12:30	09:30	17:30	01:30		
11:00	11:30										13:00	10:00	18:00	02:00		
11:30	12:00										13:30	10:30	18:30	02:30		
12:00	12:30										14:00	11:00	19:00	03:00		
12:30	13:00										14:30	11:30	19:30	03:30		
13:00	13:30										15:00	12:00	20:00	04:00		
13:30	14:00	TSN	TSN P802.1DP	TSN 60802	TSN	TSN 60802	Security	Closing Plenary		TSN 60802	15:30	12:30	20:30	04:30		
14:00	14:30										16:00	13:00	21:00	05:00		
14:30	15:00										16:30	13:30	21:30	05:30		
15:00	15:30										17:00	14:00	22:00	06:00		
15:30	16:00										17:30	14:30	22:30	06:30		
16:00	16:30	TSN	YANGsters		TSN	TSN 60802	Security	Closing Plenary		TSN 60802	18:00	15:00	23:00	07:00		
16:30	17:00										18:30	15:30	23:30	07:30		
17:00	17:30										19:00	16:00	00:00	08:00		
17:30	18:00										19:30	16:30	00:30	08:30		
18:00	18:30		802.1/802.15 Joint								20:00	17:00	01:00	09:00		
18:30	19:00											20:30	17:30	01:30	09:30	
19:00	19:30				Social Event						21:00	18:00	02:00	10:00		
19:30	20:00												21:30	18:30	02:30	10:30
20:00	20:30												22:00	19:00	03:00	11:00
20:30	21:00												22:30	19:30	03:30	11:30
21:00	21:30												23:00	20:00	04:00	12:00

802.1 plenary agenda

Monday, March 11th opening

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

Thursday, March 15th closing

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

Next Interim Session

- May 13-17, 2024
 - Warsaw, Poland
- Details on Website:
 - <http://www.ieee802.org/1>
 - <http://www.ieee802.org/1/meetings>