

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

July 10, 2023

ec-23-0124-00-00EC

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 service providers
 - 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: Josef Dorr
 - IEC/IEEE 60802 Joint Project System ad hoc chair: Mark Hantel
 - IEC/IEEE 60802 Joint Project Time Sync ad hoc chair: David McCall
 - 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: vacant
- YANGsters Chair: Scott Mansfield
 - YANGsters Vice-Chair and Secretary: Stephan Kehrer
- NENDICA Chair: Roger Marks



Editors – current projects

- [802.1Q editor](#) – Mick Seaman
 - [P802.1Qcj](#) – Paul Bottorff
 - [P802.1Qcw](#) – Marina Gutierrez
 - [P802.1Qcz](#) – Paul Congdon
 - [P802.1Qdd](#) – Feng Chen
 - [P802.1Qdj](#) – Stephan Kehrer
 - [P802.1Qdq](#) – Hiroki Nakano
 - [P802.1Qdt](#) – Lily Lv
 - [P802.1Qdv](#) – Norman Finn
 - [P802.1Qdx](#) – Abdul Jabbar
- [P802-REVc](#) – James Gilb
 - [P802f](#) – Marc Holness
- 802.1AC editor – John Messenger
- 802.1AE editor - Mick Seaman
 - [P802.1AEdk](#) – Don Fedyk
- 802.1AS editor – Geoffrey Garner
 - [P802.1ASdm](#) – Geoffrey Garner
 - [P802.1ASdn](#) – Johannes Specht
 - [P802.1ASdr](#) – Silvana Rodrigues
 - [P802.1ASds](#) – Silvana Rodrigues
- [P802.1CQ](#) – Roger Marks
- [P802.1CS](#) – Norman Finn
- [P802.1DC](#) – Norman Finn
- [P802.1DF](#) – Tongtong Wang
- [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
802.1Qcj	Auto Attach to PBB	SA Ballot	SA Ballot	D2.5	RevCom	Dec '23
802.1CQ	Multicast and Local Address Protocol	PAR extension	TG Ballot	D0.8	TG Ballot	Dec '24
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	SA Ballot	SA Ballot	D2.2	RevCom	Dec '23
802.1Qcz	Congestion Isolation	RevCom	Approved - June 4	D2.7	Publication	Dec '24
60802 (DA)	TSN Profile for Industrial Automation	PAR extension & modify	WG Ballot	D2.0	NesCom - PAR Modification	Dec '25
802.1DC	QOS provision by network systems	WG Ballot	WG Ballot	D2.2	SA Ballot conditional	Dec '24
802.1Qdd	Resource Allocation Protocol	PAR extension	TG Ballot	D0.7	TG Ballot	Dec '25
802.1DF	TSN Profile for Service Provider Networks	TG ballot	TG ballot	D0.1	TG ballot	Dec '23
802.1DG	TSN Profile for Automotive Networks	TG Ballot	TG Ballot	D1.4	NesCom - PAR Extension	Dec '23
802.1Qdj	TSN Configuration Enhancements	WG Ballot	WG Ballot	D1.1	NesCom - PAR Extension & SA ballot conditional	Dec '23
802.1AEdk	MAC Privacy protection	RevCom	Approved - June 4	D2.2	Publication	Dec '23
802f	EtherType YANG	SA Ballot	SA Ballot	D2.1	RevCom	Dec '23
802.1ASdm	Hot standby	NesCom	WG Ballot	D1.1	WG Ballot	Dec '24
802.1ASdn	Time Synch YANG	WG Ballot	WG Ballot	D1.1	WG Ballot & SA Ballot conditional	Dec '24
802.1DP	TSN Profile for Aerospace	TG Ballot	Editor's draft	D1.0	TG Ballot	Dec '24
802.1Qdq	Tspec	TG Ballot	PAR approved	D0.4	TG Ballot	Dec '25
802.1ASdr	Inclusive Language	SA Ballot	WG Ballot	D1.2	SA Ballot	Dec '25
802.1ASds	half-duplex support	TG Ballot	PAR approved		Editor's draft	Dec '26
802.1Qdt	PFC MACsec	NesCom	TG Ballot	D0.2	TG Ballot	Dec '26
802.1DU	Cut-through forwarding	NesCom	PAR approved		TG Ballot	Dec '27
802.1Qdv	Cyclic Queueing and Forwarding	Nescom	PAR approved		TG Ballot	Dec '26
802-rev	O&A	WG Ballot	WG Ballot	D1.0	WG Ballot	Dec '26
802.1Qdw	Source Flow Control	Nescom	PAR approved		Editor's draft	Dec '26
802.1CS/cor1LRP corrigendum		Nescom	WG Ballot	D1.3	SA Ballot	Dec '26
802.1Qdx	YANG for CBS	Nescom	PAR approved		WG Ballot	Dec '27
802.1Qdy	YANG for MSTP	PAR Development	PAR Development		NesCom - PAR	
8022.1AXdz	YANG for LAG				PAR Development	

802.1 electronic meeting schedule

CEST Start	CEST End	Monday Jul 10	Tuesday Jul 11		Wednesday Jul 12			Thursday Jul 13		Friday Jul 14	ET Start	PT Start	JST start					
08:00	08:30	TSN	Maintenance		TSN	P802-REVc		TSN	P802.1DG	Nendica	TSN	02:00	23:00	15:00				
08:30	09:00											02:30	23:30	15:30				
09:00	09:30											03:00	00:00	16:00				
09:30	10:00											03:30	00:30	16:30				
10:00	10:30										04:00	01:00	17:00					
10:30	11:00	Opening Plenary	TSN P802.1DG		TSN	TSN 60802	Security	TSN	TSN 60802	TSN 60802	04:30	01:30	17:30					
11:00	11:30										05:00	02:00	18:00					
11:30	12:00										05:30	02:30	18:30					
12:00	12:30										06:00	03:00	19:00					
12:30	13:00										06:30	03:30	19:30					
13:00	13:30										07:00	04:00	20:00					
13:30	14:00	TSN	TSN P802.1DP	TSN 60802	TSN	TSN 60802	Security	Closing Plenary		TSN 60802	07:30	04:30	20:30					
14:00	14:30										08:00	05:00	21:00					
14:30	15:00										08:30	05:30	21:30					
15:00	15:30										09:00	06:00	22:00					
15:30	16:00										09:30	06:30	22:30					
16:00	16:30	TSN	TSN P802.1DP	YANGsters	TSN	TSN 60802	Security	Closing Plenary		TSN 60802	10:00	07:00	23:00					
16:30	17:00										10:30	07:30	23:30					
17:00	17:30										11:00	08:00	00:00					
17:30	18:00										11:30	08:30	00:30					
18:00	18:30	802 Tutorial	802.1/802.15 Joint		Social Event						12:00	09:00	01:00					
18:30	19:00													12:30	09:30	01:30		
19:00	19:30		Nendica											13:00	10:00	02:00		
19:30	20:00														13:30	10:30	02:30	
20:00	20:30															14:00	11:00	03:00
20:30	21:00															14:30	11:30	03:30
21:00	21:30										15:00	12:00	04:00					

802.1 plenary agenda

Monday, July 10th opening

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

Thursday, July 13th closing

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

Next Interim Session

- September 11-15, 2023
 - Niskayuna (Albany), NY, USA

- Details on Website:

<http://www.ieee802.org/1>

<http://www.ieee802.org/1/meetings>