

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

November 18, 2022

ec-22-0257-00-00EC

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: Mark Hantel and Roger Marks
- 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
 - 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: Paul Congdon
- YANGsters Chair: Scott Mansfield
 - YANGsters Vice-Chair and Secretary: Stephan Kehrer
- NENDICA Chair: Roger Marks



Editors – current projects

- [802.1Q chief 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-REVc](#) – James Gilb
 - [P802f](#) – Marc Holness
- 802.1AC chief editor –
John Messenger
- 802.1AE chief editor - Mick
Seaman
 - [P802.1AEdk](#) – Don Fedyk
- 802.1AS chief editor –
Geoffrey Garner
 - [P802.1ASdm](#) – Geoffrey Garner
 - [P802.1ASdn](#) – Rodney Cummings
 - [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
- [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	PAR extension	WG ballot	D1.6	SA Ballot	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	WG ballot	WG ballot	D1.5	SA Ballot	Dec '23
802.1Qcz	Congestion Isolation	PAR extension	SA Ballot	D2.3	RevCom conditional	Dec '24
60802 (DA)	TSN Profile for Industrial Automation	PAR extension & modify	TG Ballot	D1.4	WG Ballot	Dec '25
802.1DC	QOS provision by network systems	PAR extension	TG Ballot	D1.4	WG Ballot	Dec '24
802.1Qdd	Resource Allocation Protocol	PAR extension	TG Ballot	D0.6	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	TG ballot	Dec '23
802.1Qdj	TSN Configuration Enhancements	WG Ballot	WG Ballot	D1.0	WG Ballot	Dec '23
802.1AEdk	MAC Privacy protection	SA Ballot	SA Ballot	D2.1	RevCom conditional	Dec '23
802f	EtherType YANG	SA Ballot conditional	WG Ballot	D1.4	SA Ballot conditional	Dec '23
802.1ASdm	Hot standby	TG Ballot	TG Ballot	D0.7	WG ballot	Dec '24
802.1Q-REV	Bridges and Bridged Networks	RevCom	Approved - Sept 21	D1.2	Publication editing	Dec '24
802.1ASdn	Time Synch YANG	TG Ballot	TG Ballot	D0.2	WG ballot	Dec '24
802.1DP	TSN Profile for Aerospace	TG Ballot	PAR approved		Editor's draft	Dec '24
802.1Qdq	Tspec	TG Ballot	PAR approved	D0.1	TG Ballot	Dec '25
802.1ASdr	Inclusive Language	TG Ballot	Editor's draft	D0.1	TG Ballot	Dec '25
802.1ASds	half-duplex support	TG Ballot	PAR approved		Editor's draft	Dec '26
802.1Qdt	PFC MACsec	TG Ballot	TG Ballot	D0.2	TG Ballot	Dec '26
802.1DU	Cut-through forwarding	PAR Development	none		PAR Development	
802.1Qdv	Cyclic Queueing and Forwarding	Nescom	PAR approved		Editor's draft	Dec '26
802-rev	O&A	TG Ballot	TG Ballot	D0.2	WG ballot	Dec '26
802.1Qdw	Source Flow Control	Nescom	PAR approved		Editor's draft	Dec '26
802.1CS/cor1	LRP corrigendum	Nescom	PAR approved		TG Ballot	Dec '26
802.1Qdx	YANG for CBS				PAR Development	

802.1 electronic meeting schedule

ICT Start	ICT End	Monday Nov 14		Tuesday Nov 15		Wednesday Nov 16		Thursday Nov 17		Friday Nov 18	ET Start	PT Start	CET start	JST start				
08:00	08:30		TSN	P802-REVc		TSN		Maintenance	Nendica	TSN	20:00	17:00	02:00	10:00				
08:30	09:00	TSN	TSN 60802 ad-hoc			P802.1DP				TSN	20:30	17:30	02:30	10:30				
09:00	09:30			Maintenance						TSN	21:00	18:00	03:00	11:00				
09:30	10:00									TSN	21:30	18:30	03:30	11:30				
10:00	10:30										22:00	19:00	04:00	12:00				
10:30	11:00	Opening Plenary		TSN	TSN	TSN	TSN	TSN	TSN	TSN	22:30	19:30	04:30	12:30				
11:00	11:30			P802.1DG	60802 ad-hoc		60802		60802	60802	23:00	20:00	05:00	13:00				
11:30	12:00										23:30	20:30	05:30	13:30				
12:00	12:30										00:00	21:00	06:00	14:00				
12:30	13:00										00:30	21:30	06:30	14:30				
13:00	13:30										01:00	22:00	07:00	15:00				
13:30	14:00		TSN	YANGsters		TSN	TSN	Closing Plenary		TSN	01:30	22:30	07:30	15:30				
14:00	14:30	TSN	TSN 60802 ad-hoc			60802				TSN	02:00	23:00	08:00	16:00				
14:30	15:00			TSN						TSN	02:30	23:30	08:30	16:30				
15:00	15:30									TSN	03:00	00:00	09:00	17:00				
15:30	16:00										03:30	00:30	09:30	17:30				
16:00	16:30		TSN	TSN		TSN	TSN	Closing Plenary		TSN	04:00	01:00	10:00	18:00				
16:30	17:00	TSN	TSN 60802 ad-hoc	60802		60802				TSN	04:30	01:30	10:30	18:30				
17:00	17:30									TSN	05:00	02:00	11:00	19:00				
17:30	18:00									TSN	05:30	02:30	11:30	19:30				
18:00	18:30										06:00	03:00	12:00	20:00				
18:30	19:00			802.1/802.15 Joint		Social Event					06:30	03:30	12:30	20:30				
19:00	19:30			Nendica									07:00	04:00	13:00	21:00		
19:30	20:00														07:30	04:30	13:30	21:30
20:00	20:30														08:00	05:00	14:00	22:00
20:30	21:00										08:30	05:30	14:30	22:30				
21:00	21:30	IEEE 802 Working Group and Technical Advisory Group status									09:00	06:00	15:00	23:00				
21:30	22:00												09:30	06:30	15:30	23:30		
22:00	22:30												10:00	07:00	16:00	00:00		

802.1 plenary agenda

Monday, November 14th 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, November 17th 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

- January 15-20, 2023
 - Baltimore, MD

- Details on Website:

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

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