

802.1 – Activities & status

Glenn Parsons

Chair, IEEE 802.1 WG

glenn.parsons@ericsson.com

John Messenger

Vice Chair, IEEE 802.1 WG

JMessenger@advaoptical.com

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Areas of work

- 802 Architecture and interworking between 802 technologies
 - Cross-802 Architecture group
 - “Technical Plenary” if needed
- Time Sensitive Networking (TSN) Task Group:
 - Bridges and Bridged Networks (802.1D, 802.1Q)
 - Discovery mechanisms
 - Link aggregation and protection
 - Time synchronization
 - Stream reservation and transmission support
 - Enhanced queuing and protection algorithms
 - TSN profiles for mobile fronthaul and industrial automation
 - Congestion management
- Security Task Group:
 - Secure frame transmission, Key management
 - Secure device identity
 - Privacy
- OmniRAN Task Group:
 - Network reference model, with SDN abstraction, for 802 access network
 - Local Address usage including protocols for local address acquisition
- 802 NEND ICA:
 - IEEE 802 “Network Enhancements for the Next Decade” Industry Connections Activity

Officers

- Chair: Glenn Parsons
- Vice Chair: John Messenger
- Recording Secretary: Jessy Rouyer
- TSN TG Chair: János Farkas
- Security TG Chair: Mick Seaman
- OmniRAN TG Chair: Max Riegel
- NEND ICA: Roger Marks
- Maintenance of Email exploder: Hal Keen **is retiring!**
- Maintenance of website:
Paul Unbehagen
 - Website: <http://www.ieee802.org/1/>

Sanity check – current workload

Project	Subject	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1Qcc	SRP enhancements & performance improvements	RevCom conditional	RevCom	D2.3	Publication	Dec '19
802.1CF	Access network (OmniRAN)	WG ballot	WG ballot	D2.0	Sponsor Ballot and PAR exten	Dec '18
802.1AS-REV	Time synch enhancements	PAR modification	WG ballot	D7.0	Sponsor conditional	Dec '19
802.1Qcj	Auto Attach to PBB	TG Ballot	TG Ballot	D0.2	WG ballot	Dec '19
802.1Xck	802.1X YANG data model	Sponsor Ballot	Sponsor Ballot	D2.0	RevCom conditional	Dec '19
802.1Qcy	EVB VDP extension	Sponsor Ballot	Sponsor Ballot	D2.3	RevCom conditional	Dec '19
802.1Qcp	802.1Q YANG data model	Sponsor Ballot - cond	RevCom	D2.3	Publication	Dec '19
802E	Privacy	TG ballot	TG ballot	D0.08	TG Ballot	Dec '19
802.1CQ	Local Address protocol	PAR approved	Editor's draft	D0.1	Editor's draft	Dec '20
802.1Qcr	Asynchronous Traffic Shaping	TG ballot	TG ballot	D0.5	WG Ballot + PAR modification	Dec '20
802.1CS	LRP	TG ballot	TG ballot	D1.5	TG ballot	Dec '21
802.1AX-REV	Link Aggregation	WG ballot	TG ballot	D0.3	WG Ballot	Dec '20
802.1AR-REV	Secure Device Identity	RevCom	RevCom	D2.6	Publication	Dec '21
802.1Q-REV	Bridges and Bridged Networks	RevCom	Publication	D2.2	Publication	Dec '20
802.1AE-REV	MAC security	Sponsor Ballot	Sponsor Ballot	D1.2	RevCom conditional	Dec '21
802.1ACct	support for 802.15.3	PAR development	PAR Approved		Editor's draft	Dec '21
802.1ABcu	LLDP YANG	TG Ballot	Editor's draft	D0.0	TG ballot	Dec '21
802.1CBcv	FRER YANG & MIB	NesCom	PAR Approved		Editor's draft	Dec '22
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	TG Ballot	PAR Approved		TG ballot	Dec '21
802.1Qcx	CFM YANG	TG Ballot	Editor's draft	D0.2	TG ballot	Dec '21
802.1AC/cor1	MAC Service	Sponsor Ballot	Sponsor Ballot	D1.2	RevCom conditional	Dec '21
802.1Qcz	Congestion Isolation	PAR development	PAR development		PAR approval	
802.1CBdb	FRER (CBcv) extensions	NesCom	PAR Approved		Editor's draft	Dec '22
60802 (DA)	Profile for Industrial Automation	NesCom	PAR Approved		Editor's draft	Dec '22
802.1DC	Queuing for non-bridges	NesCom	PAR Approved		Editor's draft	Dec '22
802.1X-REV	Port Access Control	NesCom	NesCom		WG ballot	
802.1Qdd	Resource Allocation Protocol	PAR development	PAR development		PAR approval	

802.1 plenary schedule

VO	IEEE 802 PLENARY SESSION San Diego, California July 8-13, 2018																
	802.1 tracks and times																
	SUN	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY			
07:00-07:30																	
07:30-08:00																	
08:00-08:30				EC	MTN TG					ITU SC							
08:30-09:00		Trk 1: TSN						Trk 1 & 2: TSN & 60802			Trk 3 SEC	Trk 1: TSN	Trk 2: 60802			Trk 1 & 2: TSN & 60802	
09:00-09:30														Trk 3 SEC			
09:30-10:00																	
10:00-10:30		Break			Break			Break			Break			Break			
10:30-11:00		Opening 802.1 plenary			Trk 1: TSN			Trk 4: SEC	Trk 1: TSN	Trk 2: 60802		Trk 4: SEC	Trk 1: TSN	Trk 2: 60802	Trk 3: OR	Trk 4: SEC	Trk 1 & 2: TSN & 60802
11:00-11:30																	
11:30-12:00																	
12:00-12:30																	
12:30-13:00		Lunch			Lunch (Editors' Meeting)			Lunch			Lunch			Lunch			
13:00-13:30																	
13:30-14:00																	
14:00-14:30		Trk 1: TSN		Trk 3: OR	Trk 4: SEC	Trk 1: TSN		Trk 3: OR	Trk 4: SEC	Trk 1: TSN	Trk 2: 60802	Trk 3: OR	Trk 4: SEC	Closing 802.1 plenary		Trk 1 & 2: TSN & 60802	Closing 802 EC
14:30-15:00																	
15:00-15:30																	
15:30-16:00		Break			Break			Break			Break						
16:00-16:30																	
16:30-17:00		Trk 1: TSN		Trk 3: OR	Trk 4: SEC	Trk 1: TSN			Trk 4: SEC	Trk 1: TSN	Trk 2: 60802		Trk 4: SEC	Closing 802.1 plenary			
17:00-17:30																	
17:30-18:00																	
18:00-18:30	TG				Break			Break			Break						
18:30-19:00	Chairs				Joint .1/.15												
19:00-19:30	Mtg																
19:30-20:00		Tutorials															
20:00-20:30					802 NEND ICA			Social event									
20:30-21:00																	
21:00-21:30																	
21:30-22:00																	

KEY:
 TSN: Time Sensitive Netw'kg
 60802: IEC/IEEE 60802 JP
 MTN TG: Maintenance TG
 SEC: Security
 OR: OmniRAN

802.1 plenary agenda

Monday opening

- [Call for Patents](#)
- Participation [guidelines](#)
- Membership status
- Future Meetings
- 802 reports
- Sanity check – current projects
- Incoming Liaisons
- TG agendas

Thursday closing

- [Call for Patents](#)
- Membership status
- Future Meetings
- 802 reports
- TG reports
- Sanity check – current projects
- Outgoing Liaisons
- Motions for EC
- Motions for 802.1

Next Interim meeting

- July 24-26, 2018 (only IEC/IEEE 60802):
 - Frankfurt am Main, Germany
- September 10-24, 2018:
 - Oslo, Norway
- Details on Website:

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

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