

802.1 – Activities & status

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Chair, IEEE 802.1 WG

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Areas of work

- 802 Architecture and interworking between 802 technologies
 - Cross-802 Architecture group
 - Network Management Data Modelling - YANGsters
 - “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
 - Congestion management
 - TSN profiles for mobile fronthaul, industrial, automotive and service provider networking
- Security Task Group:
 - Secure frame transmission, Key management and Secure device identity
 - Port authentication
 - 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

802.1 leadership team

- Officers
 - Chair: Glenn Parsons
 - Vice Chair : John Messenger
 - Recording Secretary: Jessy Rouyer
- Subgroups
 - Security TG Chair: Mick Seaman
 - TSN TG Chair: János Farkas
 - TSN TG Secretary: Craig Gunther
 - IEC/IEEE 60802 Joint Project chair: Ludwig Winkel
 - IEC/IEEE 60802 Joint Project secretary: Josef Dorr
 - OmniRAN TG Chair: Max Riegel
 - Maintenance TG chair: Paul Congdon
 - NEND ICA chair: Roger Marks
 - YANGsters chair: Scott Mansfield
 - Maintenance of website: Paul Unbehagen
 - Maintenance of Email exploder: Hal Keen & Mark Hantel
- Website
 - <http://www.ieee802.org/1/>

802.1 plenary agenda

Monday opening

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

Thursday closing

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

Sanity check – current workload

Project	Subject	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1Qcc	SRP enhancements & performance improvements	RevCom conditional	Approved - Jun 14	D2.3	Publication	Dec '19
802.1CF	Access network (OmniRAN)	PAR extension	Sponsor Ballot	D3.0	RevCom conditional	Dec '20
802.1AS-REV	Time synch enhancements	Sponsor ballot	WG ballot	D7.3	Sponsor Ballot (conditional)	Dec '19
802.1Qcj	Auto Attach to PBB	TG Ballot	TG Ballot	D0.4	WG ballot	Dec '19
802.1Xck	802.1X YANG data model	RevCom conditional	Approved - Sep 27	D2.2	Publication	Dec '19
802.1CM	Profile for Fronthaul	RevCom conditional	Published - Jun 8	D2.2		Dec '19
802.1Qcy	EVB VDP extension	RevCom conditional	Sponsor Ballot	D2.5	RevCom	Dec '19
802.1Qcp	802.1Q YANG data model	Sponsor Ballot - cond	Published - Sep 14	D2.2		Dec '19
802E	Privacy	TG ballot	TG ballot	D1.1	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	PAR modification - Y	TG ballot	D0.5	WG Ballot	Dec '20
802.1CS	LRP	WG ballot	TG ballot	D1.6	WG Ballot	Dec '21
802.1AX-REV	Link Aggregation	WG ballot	TG ballot	D0.4	WG Ballot	Dec '20
802.1AR-REV	Secure Device Identity	RevCom	Approved - Jun 14	D2.6	Publication	Dec '21
802.1Q-REV	Bridges and Bridged Networks	RevCom	Published - Jul 6	D2.2		Dec '20
802.1AE-REV	MAC security	RevCom	Approved - Sep 27	D1.3		Dec '21
802.1ACct	support for 802.15.3	PAR approval	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	TG Ballot	PAR Approved - May 14		Editor's draft	Dec '22
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	TG Ballot	TG Ballot	D0.2	TG ballot	Dec '21
802.1Qcx	CFM YANG	TG Ballot	TG Ballot	D0.4	WG ballot	Dec '21
802.1AC/cor1	MAC Service	RevCom	Approved - Sep 27	D1.2	Publication	Dec '21
802.1Qcz	Congestion Isolation	PAR approval	PAR approved - Sep 27		Editor's draft	Dec '22
802.1CBdb	FRER (CBcv) extensions	PAR approval	PAR Approved - May 14		Editor's draft	Dec '22
60802 (DA)	Profile for Industrial Automation	TG Ballot	Editor's draft	D0.3	TG ballot	Dec '22
802.1DC	Queuing for non-bridges	PAR approval	PAR Approved - May 14		Editor's draft	Dec '22
802.1X-REV	Port Access Control	WG ballot	Editor's draft	D0.1	WG ballot	Dec '22
802.1Qdd	Resource Allocation Protocol	PAR approval	PAR approved - Sep 27		Editor's draft	Dec '22
802.1CMde	Enhancements for Fronthaul Interface	PAR development	PAR development		PAR approval	
802.1DF	TSN Profile for Service Provider Networks	PAR development	PAR development		PAR approval	
802.1DG	TSN Profile for Automotive Networks	PAR development	PAR development		PAR approval	

802.1 plenary schedule

V2	IEEE 802 PLENARY SESSION Bangkok, Thailand November 11-15, 2018														
	802.1 tracks and times														
	SAT	SUN	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY				
07:00-07:30															
07:30-08:00															
08:00-08:30	IEEE 802/IETF Leadership meeting	DetNet/TSN Workshop	Trk 1 & 2: TSN & 60802		EC	MTN TG		Trk 1: TSN	Trk 2: 60802		Trk 4: SEC	Trk 1: TSN			
08:30-09:00															
09:00-09:30															
09:30-10:00															
10:00-10:30															
10:00-10:30			Break		Break		Break		Break		Break				
10:30-11:00			Opening 802.1 plenary		Trk 1: TSN	Trk 2: 60802		Trk 4: SEC	Trk 1: TSN	Trk 2: 60802		Trk 4: SEC	Trk 1: TSN	Trk 3: OR	
11:00-11:30															
11:30-12:00															
12:00-12:30															
12:30-13:00	Lunch		Lunch		Lunch (Editors' Meeting)		Lunch		Lunch		Lunch		Lunch		
13:00-13:30															
13:30-14:00															
14:00-14:30			Trk 1: TSN	Trk 2: 60802	Trk 3: OR	Trk 4: SEC	Trk 1: TSN	Trk 2: 60802	Trk 3: OR	Trk 4: SEC	Closing 802.1 plenary		Closing 802 EC		
14:30-15:00															
15:00-15:30															
15:30-16:00			Break		Break		Break		Break		Break				
16:00-16:30			Trk 1: TSN	Trk 2: 60802	Trk 3: OR	Trk 4: SEC	Trk 1: TSN	Trk 2: 60802		Trk 4: SEC	Closing 802.1 plenary				
16:30-17:00															
17:00-17:30															
17:30-18:00															
18:00-18:30		TG Chairs Mtg	THz Communications Tutorial		Joint 802.24 Joint 802.1 & YANGSTERS 802.15		Break		Break		Break				
18:30-19:00															
19:00-19:30															
19:30-20:00															
20:00-20:30			New LMSC P&P Tutorial		802 NEND ICA		Social event		Social event		Social event				
20:30-21:00															
21:00-21:30															
21:30-22:00															
22:00-22:30															

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

Next Interim meeting

- January 14-18, 2018:
 - Hiroshima, Japan

- Details on Website:

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