

802.1 – Activities & status

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Areas of work

- 802 Architecture and interworking between 802 technologies
 - Cross-802 Architecture group
 - “Technical Plenary” if needed
 - Network Management Data Modelling - YANGsters
- 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

Officers

- Chair: Glenn Parsons
- Vice Chair: John Messenger
- Recording Secretary: Jessy Rouyer
- Maintenance TG Chair: Paul Congdon
- 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 and Mark Hantel
- 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
802.1CF	Access network (OmniRAN)	PAR extension	Sponsor Ballot	D3.0	Sponsor Ballot recirc	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	D0.3	WG ballot	Dec '19
802.1Qcy	EVb VDP extension	RevCom conditional	Sponsor Ballot	D2.5	RevCom conditional	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 - YA	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
802.1ACct	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	PAR approval	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	D0.3	TG ballot	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

V1	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		Trk 1 & 2: TSN & 60802			EC	MTN TG				Trk 1: TSN	Trk 2: 60802			Trk 1: TSN								
08:30-09:00																							
09:00-09:30																							
09:30-10:00																							
10:00-10:30					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	DetNet/TSN Workshop	Lunch				Lunch (Editors' Meeting)				Lunch				Lunch				Lunch				
13:00-13:30																							
13:30-14:00	Data Centre Workshop		Trk 1: TSN	Trk 2: 60802	Trk 3: OR	Trk 4: SEC	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				
14:00-14:30																							
14:30-15:00				Break				Break				Break				Break							
15:00-15:30			Trk 1: TSN	Trk 2: 60802	Trk 3: OR	Trk 4: SEC	Trk 1: TSN	Trk 2: 60802	Trk 3: OR	Trk 4: SEC	Trk 1 & 2: TSN & 60802			Trk 4: SEC	Closing 802.1 plenary								
15:30-16:00			Break				Break				Break				Break								
16:00-16:30																							
16:30-17:00																							
17:00-17:30																							
17:30-18:00																							
18:00-18:30		TG Chairs Mtg	THz Communications Tutorial				Break		YANGSTERS		Break				Break								
18:30-19:00							Joint 802.1 & 802.15																
19:00-19:30			New LMSC P&P Tutorial				802 NEND ICA				Social event												
19:30-20:00																							
20:00-20:30																							
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

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

- January 14-18, 2019:
 - Hiroshima, Japan

- Details on Website:

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

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