

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
- 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

□ Officers

- (Chair: Glenn Parsons)
- Vice Chair and acting Chair: John Messenger
- Recording Secretary and acting Vice Chair: Jessy Rouyer
- Security TG Chair: Mick Seaman
- TSN TG Chair: János Farkas
 - TSN TG Vice Chair and 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/>

Sanity check – current workload

Project	Subject	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1CF	Access network (OmniIRAN)	RevCom conditional	Approved - Mar 21	D3.1	Publication	Dec '20
802.1AS-REV	Time synch enhancements	Sponsor ballot	Sponsor Ballot	D8.0	Sponsor Ballot recirc	Dec '19
802.1Qcj	Auto Attach to PBB	TG Ballot	TG Ballot	D0.4	WG ballot	Dec '19
802.1Qcy	EVB VDP extension	RevCom	Approved - Mar 21	D2.5	Publication	Dec '19
802E	Privacy	TG ballot	TG ballot	D1.3	WG Ballot	Dec '19
802.1CQ	Multicast and Local Address Protocol	PAR approved	Editor's draft	D0.1	Editor's draft	Dec '20
802.1Qcr	Asynchronous Traffic Shaping	WG ballot	TG ballot	D0.5	WG Ballot initiation	Dec '20
802.1CS	LRP	WG ballot	WG ballot	D2.1	WG Ballot recirc	Dec '21
802.1AX-REV	Link Aggregation	WG ballot	WG ballot	D1.0	Sponsor Ballot - conditional	Dec '20
802.1ACct	support for 802.15.3	PAR approval	PAR Approved		Editor's draft	Dec '21
802.1ABcu	LLDP YANG	TG Ballot	TG Ballot	D0.6	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	WG Ballot	WG Ballot	D1.0	WG Ballot recirc	Dec '21
802.1Qcz	Congestion Isolation	PAR approval	PAR approved - Sep 27		TG ballot	Dec '22
802.1CBdb	FRER (CBcv) extensions	PAR approval	PAR Approved - May 14		TG ballot	Dec '22
60802 (DA)	Profile for Industrial Automation	TG Ballot	TG Ballot	D1.0	TG ballot	Dec '22
802.1DC	QOS provision by network systems	TG Ballot	Editor's draft	D0.1	TG ballot	Dec '22
802.1X-REV	Port Access Control	WG ballot	WG ballot	D1.0	Sponsor Ballot	Dec '22
802.1Qdd	Resource Allocation Protocol	PAR approval	PAR approved - Sep 27		TG ballot	Dec '22
802.1CMde	Enhancements for Fronthaul Interface	PAR approval	PAR approved - Feb 8		TG ballot	Dec '23
802.1DF	TSN Profile for Service Provider Networks	PAR approval	PAR approved - Feb 8		Editor's draft	Dec '23
802.1DG	TSN Profile for Automotive Networks	PAR approval	PAR approved - Feb 8		TG ballot	Dec '23
802.1AE/cor1	MAC security corrigendum	PAR approval	PAR approval - May 1		PAR approval	
802.1ABdh	LLDPv2		PAR development		PAR approval	
802.1Qdj	TSN Configuration Enhancements		PAR development		PAR approval	
802.1AEdk	Privacy enhancements for use with MACsec		PAR development		PAR approval	

802.1 plenary schedule

V2

IEEE 802 PLENARY SESSION
Vancouver, BC, Canada
March 10-15, 2019

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			Trk 1 & 2: TSN & 60802		NEND ICA	ITU	Trk 1: TSN	Trk 2: 60802			Trk 1 & 2: TSN & 60802		
08:30-09:00		Trk 1: TSN									Trk3 SEC							
09:00-09:30																		
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 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					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	
14:00-14:30																		
14:30-15:00																		
15:00-15:30																		
15:30-16:00		Break			Break			Break				Break						
16:00-16:30					Trk 1: TSN			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	Break			Joint 802.24		YANGsters		Break				Break					
18:30-19:00	Chairs	802 Tutorial: Spectrum - Use it or Share it														KEY:		
19:00-19:30	Mtg															TSN: Time Sensitive Netw'kg		
19:30-20:00																60802: IEC/IEEE 60802 JP		
20:00-20:30																MTN TG: Maintenance TG		
20:30-21:00																SEC: Security		
21:00-21:30																OR: OmniRAN		
21:30-22:00																		
22:00-22:30																		

Next 802.1 meetings

- May 20-24, 2019 Interim meeting:
 - Salt Lake City, UT, USA
- July 14-19, 2019 Plenary meeting:
 - Vienna, Austria
- Sept 16-19, 2019 Interim meeting:
 - Edinburgh, UK
- Details on Website:

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