

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, industrial automation, in-vehicle automotive networks, service provider networks
 - 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
 - TSN TG Recording Secretary: Marina Gutierrez
- IEC/IEEE 60802 Joint Project chair: Ludwig Winkel
 - IEC/IEEE 60802 Joint Project secretary: Josef Dorr
- 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
802.1AE/cor1	MAC security corrigendum	PAR approval	PAR approved - May 21		WG ballot	Dec '23
802.1CMde	Enhancements for Fronthaul Interface	TG Ballot	TG Ballot	D0.3	WG 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 In-Vehicle Ethernet Com.	TG Ballot	Editor's draft	D0.1	TG ballot	Dec '23
60802 (DA)	TSN Profile for Industrial Automation	TG Ballot	TG Ballot	D1.0	TG ballot	Dec '22
802.1CBcv	FRER YANG & MIB	TG Ballot	Editor's draft	D0.0	TG ballot	Dec '22
802.1CBdb	FRER (CBcv) extensions	TG Ballot	TG Ballot	D0.1	TG ballot	Dec '22
802.1DC	QoS provision by network systems	TG Ballot	Editor's draft	D1.0	TG ballot	Dec '22
802.1Qcz	Congestion Isolation	TG Ballot	Editor's draft	D0.2	TG ballot	Dec '22
802.1Qdd	Resource Allocation Protocol	PAR approval	Editor's draft	D0.0	TG ballot	Dec '22
802.1X-REV	Port Access Control	WG ballot	WG ballot	D1.4	Sponsor Ballot	Dec '22
802.1ABcu	LLDP YANG	TG Ballot	TG Ballot	D0.6	WG ballot	Dec '21
802.1ACct	support for 802.15.3	PAR approval	PAR Approved		Editor's draft	Dec '21
802.1CS	LRP	WG ballot	WG ballot	D2.2	PAR modification	Dec '21
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	TG Ballot	TG Ballot	D0.4	WG ballot	Dec '21
802.1Qcx	CFM YANG	WG Ballot	WG Ballot	D1.2	Sponsor Ballot	Dec '21
802.1AX-REV	Link Aggregation	Sponsor Ballot - cond	Sponsor Ballot	D2.0	RevCom conditional	Dec '20
802.1CQ	Multicast and Local Address Assignment	PAR approval	Editor's draft	D0.2	TG ballot	Dec '20
802.1Qcr	Asynchronous Traffic Shaping	WG ballot	WG ballot	D1.1	WG Ballot recirculation	Dec '20
802.1AS-REV	Time synch enhancements	Sponsor ballot	Sponsor Ballot	D8.0	PAR Extension	Dec '19
802.1Qcj	Auto Attach to PBB	WG ballot	WG ballot	D1.0	PAR extension	Dec '19
802E	Privacy	WG ballot	WG ballot	D1.4	PAR Extension, WG Ballot	Dec '19
802.1ABdh	LLDPv2	PAR development	PAR development		PAR approval	
802.1AEdk	MAC Privacy enhancements		PAR development		PAR development	
802.1Qdj	TSN Configuration Enhancements	PAR development	PAR development		PAR approval	

802.1 plenary schedule

V4	IEEE 802 PLENARY SESSION Vienna, Austria July 15-19, 2019																										
	802.1 Tracks and Times																										
	SUN	MONDAY				TUESDAY				WEDNESDAY				THURSDAY				FRIDAY									
07:00-07:30																											
07:30-08:00														SP													
08:00-08:30																											
08:30-09:00		TSN			EC	MTN TG				TSN & 60802			ITU	TSN	60802	NENDI CA											
09:00-09:30													SEC														
09:30-10:00																											
10:00-10:30		Break				Break				Break				Break				Break									
10:30-11:00		Opening 802.1 plenary				TSN				SEC	TSN	60802			SEC	TSN	60802					802 Task Force					
11:00-11:30																											
11:30-12:00																											
12:00-12:30																											
12:30-13:00		Lunch				Lunch (TG Chairs Meeting)				Lunch				Lunch				Lunch									
13:00-13:30																											
13:30-14:00																											
14:00-14:30		TSN			SEC	TSN			JTC1	SEC	TSN	60802			SEC	Closing 802.1 plenary				TSN & 60802				Closing 802 EC			
14:30-15:00																											
15:00-15:30																											
15:30-16:00		Break				Break				Break				Break				Break									
16:00-16:30																											
16:30-17:00		TSN			SEC	TSN				SEC	TSN	60802			SEC	Closing 802.1 plenary				TSN & 60802							
17:00-17:30																											
17:30-18:00																											
18:00-18:30																											
18:30-19:00		TG Chairs Mtg			YANGsters																						
19:00-19:30																											
19:30-20:00			802 NENDICA																								
20:00-20:30		Rules																									
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

Next 802.1 meetings

- Sept 16-19, 2019 Interim meeting:
 - Edinburgh, UK
- Sept 23, 2019 Automotive Interim mtg:
 - Detroit, USA
- Nov 11-15, 2019 Plenary meeting:
 - Waikoloa, Hawaii
- Details on Website:

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