

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
 - Congestion management
 - TSN profiles for mobile fronthaul, industrial, automotive and service provider networking
 - Local Address usage including protocols for local address acquisition
- Security Task Group:
 - Secure frame transmission, Key management and Secure device identity
 - Port authentication
 - Privacy
- YANGsters
 - Network Management Data Modelling
- 802 NENDICA
 - IEEE 802 “Network Enhancements for the Next Decade” Industry Connections Activity

Officers & Leaders

□ Officers

- Chair: Glenn Parsons
- Vice Chair: John Messenger
- Recording Secretary: Jessy Rouyer

□ Leadership

- Security TG Chair: Mick Seaman
 - Security TG Vice Chair: Karen Randall
- TSN TG Chair: János Farkas
 - TSN TG Vice Chair : Craig Gunther
 - TSN TG Secretary: Marina Gutiérrez
- 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
 - TANGsters Vice Chair: Stephan Kehrer
- Maintenance of website: Paul Unbehagen
- Maintenance of Email exploder: Hal Keen & Mark Hantel
- Website: <http://www.ieee802.org/1/>

Sanity check – current workload

Project	Short Title	Last Motion	Status	Draft	Next Action
60802	TSN for Industrial Automation	TG Ballot	TG Ballot	D1.1	TG Ballot
802.1ABcu	LLDP YANG	WG Ballot	TG Ballot	D0.6	WG Ballot
802.1ABdh	LLDPv2	NesCom	PAR Approved		EditorsDraft
802.1ACct	Support of 802.15.3	TG Ballot	PAR Approved		TG Ballot
802.1AE-2018/Cor-1	TCI Figure	WG Ballot	WG Ballot	D1.0	SA Ballot
802.1AS-REV	Time synch enhancements	PAR Modification	SA Ballot	D8.3	RevCom
802.1AX-REV	Link Aggregation	SA Ballot Conditional	SA Ballot	D2.1	RevCom
802.1CBcv	FRER YANG & MIB	TG Ballot	EditorsDraft	D0.1	TG Ballot
802.1CBdb	FRER Extended Stream-ID	TG Ballot	TG Ballot	D0.3	TG Ballot
802.1CMde	TSN for Fronthaul - Enhancements	WG Ballot	WG Ballot	D1.2	SA Ballot
802.1CQ	Local Address protocol	TG Ballot	EditorsDraft	D0.3	TG Ballot
802.1CS	LRP	PAR Modification	WG Ballot	D2.4	WG Ballot
802.1DC	QoS for non-bridges	TG Ballot	TG Ballot	D1.1	TG Ballot
802.1DF	TSN Profile for Service Provider Networks	NesCom	PAR Approved		EditorsDraft
802.1DG	TSN Profile for Automotive	TG Ballot	EditorsDraft	D1.1	TG Ballot
802.1Qcj	Auto Attach to PBB	WG Ballot	WG Ballot	D1.1	WG Ballot
802.1Qcr	Asynchronous Traffic Shaping	PAR Modification	WG Ballot	D1.3	SA Ballot
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	WG Ballot	TG Ballot	D0.4	WG Ballot
802.1Qcx	CFM YANG	WG Ballot	WG Ballot	D1.5	SA Ballot
802.1Qcz	Congestion Isolation	TG Ballot	TG Ballot	D0.3	WG Ballot
802.1Qdd	Resource Allocation Protocol	TG Ballot	TG Ballot	D0.1	TG Ballot
802.1Qdj	TSN configuration enhancements	NesCom	ParApproved		EditorsDraft
802.1X-REV	Port-based Network Access Control	SA Ballot	SA Ballot	D1.5	RevCom
802E	Privacy	WG Ballot	WG Ballot	D1.6	SA Ballot
802.1AEdk	MAC Privacy protection	PAR Development	PAR Development		NesCom
802f	EtherType YANG	PAR Development	PAR Development		NesCom

802.1 plenary schedule

V1	IEEE 802 PLENARY SESSION Waikoloa, HI, USA November 10-15, 2019					
	802.1 tracks and times					
	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
07:00-07:30						
07:30-08:00						
08:00-08:30						
08:30-09:00		Trk 1: TSN				
09:00-09:30						
09:30-10:00						
10:00-10:30		Break	Break	Break	Break	Break
10:30-11:00						
11:00-11:30		Opening 802.1 plenary	Trk 1: TSN	Trk 2: SEC		
11:30-12:00						
12:00-12:30						
12:30-13:00		Lunch	Lunch (Chairs' Meeting)	Lunch	Lunch	Lunch
13:00-13:30						
13:30-14:00						
14:00-14:30		Trk 1: TSN	Trk 2: SEC			
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		Trk 1: TSN	Trk 2: SEC			
17:00-17:30						
17:30-18:00						
18:00-18:30	802.1 TG Chairs meeting	Break	Break	Break	Break	
18:30-19:00						
19:00-19:30						
19:30-20:00						
20:00-20:30	MSC rules review					
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

- Jan 20-24, 2020 Interim meeting:
 - Geneva, Switzerland
- July 12-17, 2020 Plenary meeting:
 - Montreal, QC, Canada
- May 18-22, 2020 Interim meeting:
 - Pasadena, CA, USA
- Details on Website:

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