

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

- 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
- YANGsters Chair: Scott Mansfield
- NENDICA: 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	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	RevComCond
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	EditorsDraft
802.1CS	LRP	PAR Modification	WG Ballot	D2.3	WG Ballot
802.1DC	QoS for non-bridges	TG Ballot	TG Ballot	D1.1	TG Ballot
802.1DF	TSN Profile for Service Provider Networks	TG Ballot	EditorsDraft		TG Ballot
802.1DG	TSN Profile for Automotive	TG Ballot	EditorsDraft		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	WG 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					EC				MTN TG				Trk 1 & 3: TSN & 60802				Trk 1: TSN Trk 3: 60802				802 NENDICA				Trk 1 & 3: TSN & 60802															
08:30-09:00	Trk 1: TSN												Trk 2: SEC				Trk 1: TSN Trk 3: 60802				802 NENDICA				Trk 1 & 3: TSN & 60802															
09:00-09:30																																								
09:30-10:00																																								
10:00-10:30	Break				Break				Break				Break				Break				Break																			
10:30-11:00	Opening 802.1 plenary				Trk 1: TSN				Trk 2: SEC				Trk 1: TSN				Trk 3: 60802				Trk 2: SEC				Trk 1: TSN				Trk 3: 60802				Trk 1 & 3: TSN & 60802							
11:00-11:30																																								
11:30-12:00																																								
12:00-12:30																																								
12:30-13:00	Lunch				Lunch (Chairs' Meeting)				Lunch				Lunch				Lunch				Lunch				Lunch															
13:00-13:30																																								
13:30-14:00	Trk 1: TSN				Trk 2: SEC				Trk 1: TSN				Trk 2: SEC				JTC1 adhoc				Trk 1: TSN				Trk 3: 60802				Trk 2: SEC				Closing 802.1 plenary				Trk 1 & 3: TSN & 60802			
14:00-14:30																																								
14:30-15:00																																								
15:00-15:30																																								
15:30-16:00	Break				Break				Break				Break				Break				Break				Break				Break											
16:00-16:30																																								
16:30-17:00	Trk 1: TSN				Trk 2: SEC				Trk 1: TSN				Trk 2: SEC				ITU SC				Trk 1: TSN				Trk 3: 60802				Trk 2: SEC				Closing 802.1 plenary				Trk 1 & 3: TSN & 60802			
17:00-17:30																																								
17:30-18:00																																								
18:00-18:30	802.1 TG Chairs meeting				Break				Break				YANGSTERS				Break				Break				Break				Break											
18:30-19:00																																								
19:00-19:30																																								
19:30-20:00																																								
20:00-20:30	LMSC rules review																																							
20:30-21:00									802 NENDICA																															
21:00-21:30																																								
21:30-22:00																																								
22:00-22:30																																								

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

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

Next Interim meeting

- January 20-24, 2020
 - Geneva, Switzerland

- Details on Website:

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

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