

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	Subject	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1AS-REV	Time synch enhancements	RevCom	Approved	D8.3	Publication	Dec '19
802.1Qcj	Auto Attach to PBB	PAR extension	WG ballot	D1.1	WG ballot	Dec '21
802E	Privacy	SA Ballot	SA Ballot	D1.6	SA Ballot recirc	Dec '19
802.1CQ	Multicast and Local Address Protocol	TG ballot	Editor's draft	D0.3	PAR extension	Dec '20
802.1Qcr	Asynchronous Traffic Shaping	SA Ballot	SA Ballot	D2.2	SA Ballot recirc	Dec '20
802.1CS	LRP	PAR Modification	WG ballot	D2.6	SA Ballot	Dec '21
802.1AX-REV	Link Aggregation	RevCom	Approved	D2.1	Publication	Dec '20
802.1ACct	support for 802.15.3	TG Ballot	PAR Approved		Editor's draft	Dec '21
802.1ABcu	LLDP YANG	WG Ballot	WG Ballot	D1.0	WG ballot	Dec '21
802.1CBcv	FRER YANG & MIB	TG Ballot	TG Ballot	D0.2	TG Ballot	Dec '22
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	WG ballot	WG ballot	D1.0	WG ballot	Dec '21
802.1Qcx	CFM YANG	SA Ballot	SA Ballot	D2.1	RevCom	Dec '21
802.1Qcz	Congestion Isolation	TG Ballot	TG Ballot	D0.6	WG ballot	Dec '22
802.1CBdb	FRER (CBcv) extensions	TG Ballot	TG Ballot	D0.5	WG ballot	Dec '22
60802 (DA)	Profile for Industrial Automation	TG Ballot	TG Ballot	D1.1	TG ballot	Dec '22
802.1DC	QOS provision by network systems	WG Ballot	TG Ballot	D1.1	WG Ballot	Dec '22
802.1Qdd	Resource Allocation Protocol	TG Ballot	TG Ballot	D0.1	TG ballot	Dec '22
802.1CMde	Enhancements for Fronthaul Interface	SA Ballot	SA Ballot	D2.1	RevCom	Dec '23
802.1DF	TSN Profile for Service Provider Networks	NesCom	PAR approved		TG ballot	Dec '23
802.1DG	TSN Profile for Automotive Networks	TG Ballot	TG Ballot	D1.2	TG ballot	Dec '23
802.1AE/cor1	MAC security corrigendum	SA Ballot	SA Ballot	D1.0	RevCom	Dec '23
802.1ABdh	LLDPv2	NesCom	PAR approved		TG ballot	Dec '23
802.1Qdj	TSN Configuration Enhancements	NesCom	PAR approved		TG ballot	Dec '23
802.1AEdk	Privacy enhancements for use with MACsec	TG Ballot	Editor's draft		TG ballot	Dec '23
802f	EtherType YANG	NesCom	PAR approved		TG ballot	Dec '23
802.1ASdm	Hot standby	PAR Development	PAR Development		NesCom	

802.1 electronic meeting schedule

Start	End	Monday March 16	Tuesday March 17	Wednesday March 18	Thursday March 19	Friday March 20	California start	Germany start	Japan start
8:00 ET	8:30 ET						5:00	13:00	21:00
8:30 ET	9:00 ET		EC				5:30	13:30	21:30
9:00 ET	9:30 ET						6:00	14:00	22:00
9:30 ET	10:00 ET	60802	TSN P802.1DG	60802	Nendica	60802	6:30	14:30	22:30
10:00 ET	10:30 ET		YANGsters				7:00	15:00	23:00
10:30 ET	11:00 ET						7:30	15:30	23:30
11:00 ET	11:30 ET						8:00	16:00	0:00
11:30 ET	12:00 ET	TSN		Security			8:30	16:30	0:30
12:00 ET	12:30 ET		60802	TSN		TSN	9:00	17:00	1:00
12:30 ET	13:00 ET						9:30	17:30	1:30
13:00 ET	13:30 ET						10:00	18:00	2:00
13:30 ET	14:00 ET						10:30	18:30	2:30
14:00 ET	14:30 ET		Security				11:00	19:00	3:00
14:30 ET	15:00 ET	TSN		Security			11:30	19:30	3:30
15:00 ET	15:30 ET					Maintenance	12:00	20:00	4:00
15:30 ET	16:00 ET						12:30	20:30	4:30
16:00 ET	16:30 ET						13:00	21:00	5:00
16:30 ET	17:00 ET						13:30	21:30	5:30
17:00 ET	17:30 ET					Maintenance	14:00	22:00	6:00
17:30 ET	18:00 ET						14:30	22:30	6:30

Note: There will be no 802.1 WG opening or closing plenary meeting during the week of March 16th

Next Interim meeting

- May 18-22, 2020
 - Pasadena, California, USA

- Details on Website:

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

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