

802.1 – Activities & status

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Chair, IEEE 802.1 WG

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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
 - Profile for mobile fronthaul
- Data center bridging (DCB) Task Group :
 - Congestion management
 - Local Address usage including protocols for local address acquisition
- 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
 - 5G - industry connections

Officers

- Chair: Glenn Parsons
- Vice Chair: John Messenger
- Recording Secretary: Jessy Rouyer
- TSN TG Chair: János Farkas
- Data Center Bridging TG Chair: Pat Thaler
- Security TG Chair: Mick Seaman
- OmniRAN TG Chair: Max Riegel
- Maintenance of Email exploder: Hal Keen
- Maintenance of website:
John Messenger & Paul Unbehagen
 - Website: <http://www.ieee802.org/1/>

Sanity check – current workload

Project	Subject	Last Motion	Current Stage	Draft#	Next action	PAR ends	TG
802.1CB	Frame Replication and Elimination	Sponsor Ballot	Sponsor Ballot	D2.6	RevCom - conditional?	Dec '17	TSN
802.1AC-REV	MAC service	RevCom	RevCom - Dec	D4.0	Approval	Dec '17	MAINT
802.1Qcc	SRP enhancements & performance improvements	WG ballot	WG ballot	D1.1	WG ballot recirc	Dec '17	TSN
802.1ARce	AR: SHA-384 and P-384 Elliptic Curve	WG ballot	TG ballot	D1.1	WG ballot	Dec '18	SEC
802.1CF	Access network (OmniRAN)	TG ballot	TG ballot	D0.3	TG ballot	Dec '18	OMNI
802.1AEcg	Ethernet data encryption devices	Sponsor Ballot	Sponsor Ballot	D1.4	RevCom - conditional?	Dec '18	SEC
802.1Qch	Cyclic queueing and forwarding	WG ballot	WG ballot	D1.1	Sponsor Ballot	Dec '19	TSN
802.1AS-REV	Time synch enhancements	TG Ballot	TG Ballot	D4.2	TG Ballot	Dec '19	TSN
802c	Local Address space	WG Ballot	WG Ballot	D1.2	NesCom - PAR mod	Dec '19	DCB
802.1Qci	Per Stream Filtering & Policing	Sponsor Ballot	Sponsor Ballot	D2.0	RevCom - conditional?	Dec '19	TSN
802.1Qcj	Auto Attach to PBB	TG Ballot	Editor's draft	D0.1	TG Ballot	Dec '19	TSN
802.1Xck	802.1X YANG data model	WG ballot	TG ballot	D0.8	WG ballot	Dec '19	SEC
802.1CM	Profile for Fronthaul	TG Ballot	TG Ballot	D0.5	TG Ballot	Dec '19	TSN
802.1Qcn	EVB VDP extension	TG Ballot	Editor's draft	D0.4	TG Ballot	Dec '19	DCB
802.1Qcp	802.1Q YANG data model	TG Ballot	TG Ballot	D0.6	TG Ballot	Dec '19	TSN
802d	URN Namespace	Sponsor Ballot	Sponsor Ballot	D1.1	RevCom	Dec '19	TSN
802E	Privacy	NesCom	Editor's draft	D0.4	Editor's draft	Dec '19	SEC
802.1AX/Cor 1	Tech and ed corrections	Sponsor Ballot	Sponsor Ballot recirc	D0.6	RevCom	Dec '19	MAINT
802.1CQ	Local Address protocol	PAR approved	Editor's draft	D0.1	Editor's draft	Dec '20	DCB
802.1Qcr	Asynchronous Traffic Shaping	PAR approved	PAR approved		Editor's draft	Dec '20	TSN
802.1CS	LRP	PAR development	PAR development		NesCom		TSN
802.1AX-REV	Link Aggregation	PAR approved	PAR approved		Editor's draft	Dec '20	MAINT
802.1AR-REV	Secure Device Identity	PAR development	PAR development		NesCom		SEC
802.1Q-REV	Bridges and Bridged Networks	PAR approved	Editor's draft		Editor's draft	Dec '20	MAINT

802.1 plenary schedule

V1	IEEE 802 PLENARY SESSION San Antonio, Texas July 13-18, 2014													
	802.1 tracks and times													
	MONDAY			TUESDAY			WEDNESDAY			THURSDAY			FRIDAY	
07:00-07:30														
07:30-08:00														
08:00-08:30	EC			MTN TG			Trk 1: TSN	Trk 2: DCB		ITU SC		Trk 1: Joint TSN/ 802.11		
08:30-09:00		Trk 1: TSN												
09:00-09:30														
09:30-10:00														
10:00-10:30	Break			Break			Break			Break				
10:30-11:00	Opening 802.1 Plenary			Trk 1: TSN	Trk 2: DCB		Trk 4: SEC	Trk 1: TSN	Trk 2: DCB		Trk 4: SEC	Trk 1: IWK	Trk 3: OR	
11:00-11:30														
11:30-12:00														
12:00-12:30														
12:30-13:00	Lunch			Lunch			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: DCB		Trk 4: SEC	Trk 1: TSN	Trk 2: DCB	Trk 3: OR	Trk 4: SEC	
14:00-14:30														
14:30-15:00														
15:00-15:30														
15:30-16:00	Break			Break			Break			Closing 802.1 Plenary			Closing 802 EC	
16:00-16:30		Trk 1: TSN		Trk 3: OR	Trk 4: SEC	Trk 1: TSN	Trk 2: DCB	Trk 3: OR	Trk 4: SEC	Trk 1: TSN	Trk 2: DCB	Trk 3: OR 5G		Trk 4: SEC
16:30-17:00														
17:00-17:30														
17:30-18:00														
18:00-18:30	Break			Break			Break			Break				
18:30-19:00	New comers's Orientation			Joint .1/.15			Social event						KEY: TSN: Time Sensitive Netw'kg MTN TG: Maintenance TG SEC: Security DCB: Data Center Bridging OR: OmniRAN	
19:00-19:30														
19:30-20:00														
20:00-20:30				Privacy open meeting										
20:30-21:00														
21:00-21:30														
21:30-22:00														

Next Interim meeting

- January 16-19, 2017:
 - Atlanta, Georgia, USA

- Details on Website:

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