

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
- 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

Officers

- Chair: Glenn Parsons
- Vice Chair: John Messenger
- Recording Secretary: Eric Gray
- TSN TG Chair: Michael Johas Teener
- TSN TG Vice-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
 - Website: <http://www.ieee802.org/1/>

Sanity check – current workload

Project	Subject	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1Qbu	Frame preemption	Sponsor Ballot	Approved - June 30	D3.1	Publication	Dec '16
802.1Qbv	Scheduled traffic	Sponsor Ballot	Approved - Dec 5	D3.1	Publication March 17	Dec '16
802.1Qbz	802.11 Bridging	Sponsor Ballot	Approved - June 30	D2.4	Publication	Dec '16
802.1Qca	SPB Path Control and Reservation	RevCom	Published - Mar 11	D2.1		Dec '16
802.1CB	Frame Replication and Elimination	WG ballot	WG ballot	D2.4	WG ballot recirc	Dec '17
802.1AC-REV	MAC service	Sponsor Ballot	Sponsor Ballot	D3.0	Sponsor Ballot recirc	Dec '17
802.1Qcc	SRP enhancements & performance improvements	TG ballot	TG ballot	D0.6	WG ballot	Dec '17
802.1ARce	AR: SHA-384 and P-384 Elliptic Curve	TG ballot	Editor's draft	D0.7	TG ballot	Dec '18
802.1CF	Access network (OmniRAN)	PAR approved	Editor's draft	D0.0	TG ballot	Dec '18
802.1AB-REV	Station and MAC Connectivity Discovery	RevCom	Published - Mar 11	D1.2		Dec '18
802.1AEcg	Ethernet data encryption devices	WG ballot	TG ballot	D1.0	WG ballot	Dec '18
802.1Qch	Cyclic queueing and forwarding	PAR approved	Editor's draft	D0.1	TG ballot	Dec '19
802.1AS/Cor2	Tech and ed corrections	RevCom	Approved - Jan 29	D3.0	Publication	Dec '18
802.1AS-REV	Time synch enhancements	TG Ballot	TG Ballot	D2.0	TG Ballot	Dec '19
802c	Local Address space	TG Ballot	WG Ballot	D1.0	WG Ballot	Dec '19
802.1Q/Cor1	Tech and ed corrections	RevCom	Published - Jan 12			Dec '19
802.1Qci	Per Stream Filtering & Policing	TG Ballot	WG Ballot	D1.2	WG Ballot	Dec '19
802.1Qcj	Auto Attach to PBB	NesCom	Editor's draft	D0.1	TG Ballot	Dec '19
802.1Xck	802.1X YANG data model	WG ballot	Editor's draft	D0.5	WG ballot	Dec '19
802.1CM	Profile for Fronthaul	NesCom	Editor's draft	D0.4	TG Ballot	Dec '19
802.1Qcn	EVB VDP extension	NesCom	Editor's draft	D0.0	Editor's draft	Dec '19
802.1Qcp	802.1Q YANG data model	TG Ballot	TG Ballot	D0.4	TG Ballot	Dec '19
802d	URN Namespace	NesCom	Editor's draft	D0.1	WG Ballot	Dec '19
802E	Privacy	NesCom	Editor's draft	D0.3	Editor's draft	Dec '19
802.1AX/Cor1	Tech and ed corrections	Sponsor Ballot	WG ballot recirc	D0.4	Sponsor Ballot	Dec '19
802.1CQ	Local Address protocol	PAR approved	Editor's draft	D0.1	Editor's draft	Dec '20
802.1BA/Cor1	Tech and ed corrections	WG ballot	Approved - June 30	D0.0	Publication	
802.1Qcr	Asynchronous Traffic Shaping	PAR development	PAR development		NesCom	
802.1Qcs	MRP ++ (new reservation protocol)				PAR development	
802.1AX/Rev	Link Aggregation				NesCom	

Next Interim meeting

- September 12-15, 2016:
 - York, United Kingdom
- Details on Website:

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