

# 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	sponsor ballot recirc	D3.1	RevCom	Dec '16
802.1Qbv	Scheduled traffic	Sponsor Ballot	RevCom pre-submit	D3.1	RevCom	Dec '16
802.1Qbz	802.11 Bridging	Sponsor Ballot	Sponsor Ballot	D2.3	Sponsor Ballot recirc	Dec '16
802.1Qca	SPB Path Control and Reservation	RevCom	Approved - Sept 3	D2.1		Dec '16
802.1CB	Frame Replication and Elimination	WG ballot	WG ballot	D2.0	WG ballot recirc	Dec '17
802.1AC-REV	MAC service	Sponsor Ballot	Sponsor Ballot	D2.1	Sponsor Ballot recirc	Dec '17
802.1Qcc	SRP enhancements & performance improvements	TG ballot	TG ballot	D0.5	TG 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	PAR approved	-	Editor's draft	Dec '18
802.1AB-REV	Station and MAC Connectivity Discovery	Sponsor Ballot	sponsor ballot recirc	D0.2	RevCom	Dec '18
802.1AEcg	Ethernet data encryption devices	WG ballot	TG ballot	D0.6	WG ballot	Dec '18
802.1Qch	Cyclic queueing and forwarding	PAR approved	PAR approved	-	Editor's draft	Dec '19
802.1AS/Cor2	Tech and ed corrections	RevCom	RevCom pre-submit	D3.0	Approval	Dec '18
802.1AS-REV	Time synch enhancements	TG Ballot	TG Ballot	D2.0	TG Ballot	Dec '19
802c	Local Address space	PAR approval	Editor's draft	D0.0	Editor's draft	Dec '19
802.1Q/Cor1	Tech and ed corrections	Sponsor Ballot	RevCom pre-submit	D1.1	RevCom	Dec '19
802.1Qci	Per Stream Filtering & Policing	TG Ballot	Editor's draft	D0.1	TG Ballot	Dec '19
802.1Qcj	Auto Attach to PBB	NesCom	PAR approved		Editor's draft	Dec '19
802.1Xck	802.1X YANG data model	NesCom	Editor's draft	D0.1	Editor's draft	Dec '19
802.1CM	Profile for Fronthaul	NesCom	Editor's draft	D0.0	Editor's draft	Dec '19
802.1Qcn	EVb VDP extension	NesCom	PAR approved		Editor's draft	Dec '19
802.1Qcp	802.1Q YANG data model	NesCom	Editor's contributions		Editor's draft	Dec '19
802d	URN Namespace	PAR precirculation	NesCom presubmit		NesCom	
802E	Privacy	NesCom	PAR approved		Editor's draft	Dec '19
802.1AX/Cor1	Tech and ed corrections	NesCom	PAR approved		PAR approval	Dec '19
802.1CQ	Local Address protocol	PAR precirculation	NesCom presubmit		NesCom	

# Next Interim meeting

- January 2016:
  - Atlanta, Georgia
- Details on Website:

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