

# 802.1 – Activities & status

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Chair, IEEE 802.1 WG

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July 13, 2015

# Areas of work

- 802 Architecture and interworking between 802 technologies
  - Cross-802 Architecture group
  - “Technical Plenary” if needed
- Interworking Task Group:
  - Bridges and Bridged Networks (802.1D, 802.1Q)
  - LAN management, Connectivity fault management
  - Discovery mechanisms
  - Link aggregation and protection
- Time Sensitive Networking (TSN) Task Group:
  - Time synchronization
  - Stream reservation and transmission support
  - Enhanced queuing and protection algorithms
- Data center bridging (DCB) Task Group :
  - Congestion management
  - Per priority flow control
- Security Task Group :
  - Secure frame transmission
  - Key management
  - Secure device identity
- OmniRAN Task Group :
  - Network reference model, with SDN abstraction, for 802 access network
- Local Address Study Group
  - Local Address usage
  - protocols for local address acquisition

# Officers

- Chair: Glenn Parsons
- Vice Chair: John Messenger
- Recording Secretary: Eric Gray
- Interworking TG Chair & Local Address SG Chair: Steve Haddock
- AV Bridging TG Chair: Michael Johas Teener
- Data Center Bridging TG Chair: Pat Thaler
- Link 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	WG Ballot	WG ballot recirc	D2.3	WG ballot recirc	Dec '16
802.1Qbv	Scheduled traffic	Sponsor Ballot	WG ballot	D2.2	WG ballot recirc & sponsor	Dec '16
802.1Qbz	802.11 Bridging	Sponsor Ballot	WG ballot recirc	D2.1	WG ballot recirc & sponsor	Dec '16
802.1Qca	SPB Path Control and Reservation	Sponsor Ballot	Sponsor Ballot recirc	D2.1	Sponsor Ballot recirc	Dec '16
802.1CB	Frame Replication and Elimination	TG ballot	TG ballot	D1.1	TG ballot	Dec '17
802.1AC-REV	MAC service	WG ballot	WG ballot recirc	D2.1	WG ballot recirc	Dec '17
802.1Qcc	SRP enhancements & performance improvements	TG ballot	TG ballot	D0.4	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	TG ballot	WG ballot recirc	D0.2	WG ballot	Dec '18
802.1AEcg	Ethernet data encryption devices	TG ballot	TG ballot	D0.5	TG 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	Sponsor Ballot	Sponsor Ballot	D2.0	Sponsor Ballot	Dec '18
802.1AS-REV	Time synch enhancements	TG Ballot	TG Ballot	D1.0	TG Ballot	Dec '19
802c	Local Address space	PAR approval	PAR approval		Editor's draft	Dec '19
802.1Q/Cor1	Tech and ed corrections	WG ballot	WG ballot recirc	D0.3	Sponsor Ballot	Dec '19
802.1Qci	Per Stream Filtering & Policing	PAR approval	Editor's draft	D0.0	TG Ballot	Dec '19
802.1Qcj	Auto Attach to PBB	PAR approval	PAR approval		Editor's draft	Dec '19
802.1Xck	802.1X YANG data model	PAR precirculation	PAR precirculation		PAR approval	
802.1CM	Profile for Fronthaul	PAR precirculation	PAR precirculation		PAR approval	
802.1Qcn	EVb VDP extension	PAR precirculation	PAR precirculation		PAR approval	
802.1Qcp	802.1Q YANG data model	PAR precirculation	PAR precirculation		PAR approval	
802d	Local Address protocol	PAR precirculation	PAR development		PAR precirculation	
802E	Privacy	PAR precirculation	PAR precirculation		PAR approval	

# Next Interim meeting

- May 2015:
  - Pittsburgh, Pennsylvania
- Details on Website:

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