

# 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
- Interworking Task Group:
  - “Traditional” (802.1D) bridging
  - VLAN (802.1Q) bridging
  - Provider bridging
  - LAN management, Connectivity fault management
  - Discovery mechanisms
- Audio Video bridging (AVB) Task Group:
  - Time synchronization
  - Stream reservation and transmission support
- 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	Stage	Draft#	Next action	PAR ends
802.1ASbt	Time synch enhancements	Editor's draft	D0.7	withdraw	Dec '15
802.1Qbu	Frame preemption	WG ballot	D2.1	WG ballot recirc	Dec '16
802.1Qbv	Scheduled traffic	WG ballot	D2.2	WG ballot recirc & sponsor	Dec '16
802.1Qbz	802.11 Bridging	WG ballot	D2.1	WG ballot recirc	Dec '16
802.1Qca	SPB Path Control and Reservation	WG ballot recirc	D1.4	Sponsor Ballot	Dec '16
802.1CB	Frame Replication and Elimination	TG ballot	D1.0	TG ballot	Dec '17
802.1AC-REV	MAC service	WG ballot	D2.0	WG ballot	Dec '17
802.1Qcc	SRP enhancements & performance improve	TG ballot	D0.3	TG ballot	Dec '17
802.1ARce	AR: SHA-384 and P-384 Elliptic Curve	Editor's draft	D0.7	TG ballot	Dec '18
802.1CF	Access network (OmniRAN)	PAR approved	-	Editor's draft	Dec '18
802.1AB-REV	Station and MAC Connectivity Discovery	PAR approved	-	Editor's draft	Dec '18
802.1AEcg	Ethernet data encryption devices	Editor's draft	D0.4	TG ballot	Dec '18
802.1Qch	Cyclic queueing and forwarding	PAR approved	-	Editor's draft	Dec '19
802.1AS/Cor2	Tech and ed corrections	WG ballot	D2.0	Sponsor Ballot	Dec '18
802.1ASrev	Time synch enhancements	Editor's draft	D0.9	TG Ballot	Dec '19
802c	Local Address space	PAR precirculation		PAR approval	
802.1Q/Cor1	Tech and ed corrections	Editor's draft	D0.1	WG ballot	Dec '19
802.1Qci	Per Stream Policing	PAR precirculation		PAR approval	
802.1Qcj	Auto Attach to PBB	PAR precirculation		PAR approval	
802.1Xck	YANG data model	PAR Development		PAR precirculation	
802.1Qcl	YANG data model	PAR Development		PAR precirculation	
802.1CM	Profile for Fronthaul	PAR Development		PAR precirculation	
802.1Qcn	EVb VDP extension	PAR Development		PAR precirculation	

# Next Interim meeting

- May 2015:
  - Pittsburgh, Pennsylvania, USA
- Details on Website:  
<http://www.ieee802.org/1>