

# 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
  - Discovery mechanisms
  - Connectivity fault management
- 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

# Officers

- Chair: Glenn Parsons
- Vice Chair: John Messenger
- Recording Secretary: Eric Gray
- Interworking TG 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
802.1AX-REV	Link Aggregation	Sponsor ballot	D4.1	Sponsor recirc & Cond RevCom	Dec '16
802.1ASbt	Time synch enhancements	Editor's draft	D0.5	Editor's draft	Dec '15
802.1Qbu	Frame preemption	Editor's draft	D0.1	TG ballot	Dec '16
802.1Qbv	Scheduled traffic	TG ballot	D1.3	WG ballot	Dec '16
802.1Xbx	MKA extensions	Sponsor ballot	D1.6	RevCom	Dec '16
802.1Q-REV	Bridging revision	Sponsor ballot	D2.1	Sponsor recirc & Cond RevCom	Dec '16
802.1Qbz	802.11 Bridging	TG ballot	D1.4	WG ballot	Dec '16
802.1Qca	SPB Path Control and Reservation	TG ballot	D0.8	WG ballot	Dec '16
802.1CB	Frame Replication and Elimination	Editor's draft	D0.3	TG ballot	Dec '17
802.1AC-REV	MAC service SRP enhancements & performance	WG ballot	D1.0	WG ballot recirc	Dec '17
802.1Qcc	improvements	Editor's draft	D0.1	Editor's draft	Dec '17
802.1Qcd	Application VLAN TLV AR: SHA-384 and P-384 Elliptic	WG recirc ballot	D1.1	Sponsor ballot	Dec '17
802.1ARce	Curve	PAR development	-	NesCom	
802.1CF	Access network (OmniRAN)	PAR approved	-	Editor's draft	Dec '18
802.1AB Cor-2	Tech and ed corrections	WG ballot	D0.0	WG ballot recirc & cond sponsor	Dec '18
802.1AEcg	Ethernet data encryption devices Synchronous queueing and	PAR development		NesCom	
802.1Qch	forwarding	PAR development	-	PAR precirculation	
802.1AS/Cor2	Tech and ed corrections	PAR development		NesCom	
802.1ASrev	Time synch enhancements	PAR development		PAR precirculation	
802c	Local Address space	PAR development		PAR precirculation	

# Preliminary IEEE 802.1 meeting plan

V3

IEEE 802 PLENARY SESSION  
San Diego, California  
November, 2014

## 802.1 tracks and times

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY								
07:00-07:30														
07:30-08:00														
08:00-08:30			MTN TG											
08:30-09:00		EC MTG												
09:00-09:30	Trk 1: IWK		Trk 2: TSN	Trk 1: Joint IWK/TSN	Trk 3: SEC	Trk 1: IWK	Trk 2: TSN	Trk 3: SEC	ITU SC	Trk 1: Joint IWK/TSN/802.11	Trk3: OR			
09:30-10:00														
10:00-10:30			NEW MEMBERS ORIENTATION											
10:30-11:00			Break		Break		Break	Break	Break	Break	Break	Break	Break	
11:00-11:30		Opening 802.1 Plenary		Trk 1: Joint IWK/TSN	Trk 3: SEC	Trk 1: IWK	Trk 2: TSN	Trk 3: SEC	Trk 2: TSN	Trk 1: IWK	Trk3: OR			
11:30-12:00														
12:00-12:30														
12:30-13:00		Lunch		Lunch		Lunch		Lunch		Lunch		Lunch		
13:00-13:30														
13:30-14:00														
14:00-14:30		Trk 1: IWK	Trk 2: TSN	Trk 3: OR	Trk 1: Joint IWK/TSN	Trk 2: OR	Trk 1: IWK	Trk 2: TSN	Trk 3: OR					
14:30-15:00														
15:00-15:30														
15:30-16:00		Break		Break		Break		Break		Closing 802.1 Plenary		KEY:		
16:00-16:30														
16:30-17:00		Trk 1: IWK	Trk 2: TSN	Trk 3: OR	Trk 1: Joint IWK/TSN	Trk 2: OR	Trk 1: IWK	Trk 2: TSN	Trk 3: OR					
17:00-17:30														
17:30-18:00														
18:00-18:30		Break		Break		Break		Break		Break		KEY:		
18:30-19:00		Tutorial #1 - GE PoF		.1/15 joint										
19:00-19:30		Tutorial #2 - EPoC												
19:30-20:00		Tutorial #3 - 802c PAR												
20:00-20:30														
20:30-21:00														
21:00-21:30														
21:30-22:00														
22:00-22:30														

KEY:  
**IWK:** Interworking  
**TSN:** Time Sensitive Netw'k  
**MTN TG:** Maintenance TG  
**SEC:** Security  
**DCB:** Data Center Bridging  
**OR:** OmniRAN

# Next Interim meeting

- January 2015:
  - Atlanta, Georgia
- Details on Website:

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