

802.1 – Activities & status

Glenn Parsons

Chair, IEEE 802.1 WG

glenn.parsons@ericsson.com

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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/>

Status of current projects

Project	Subject	Stage	Draft#	Next action	PAR ends
802	O&A	Sponsor recirc #2 Submitted to	D1.9	Recirc/RevCom	Dec '14
802.1Qbp	ECMP	RevCom	D1.7	RevCom approval	Dec '15
802.1AX-REV	Link Aggregation	WG ballot	D3.2	Sponsor ballot	Dec '16
802.1ASbt	Time synch enhancements	Editor's draft	D0.4	Editor's draft	Dec '15
802.1Qbu	Frame preemption	Editor's draft	D0.0	Editor's draft #2	Dec '16
802.1Qbv	Scheduled traffic	TG ballot	D1.1	TG ballot #2	Dec '16
802.1Xbx	MKA extensions	Sponsor ballot	D1.2	Comment resolution	Dec '16
802.1Q-REV	Bridging revision	Sponsor ballot	D2.0	Sponsor recirc	Dec '16
802.1Qbz	802.11 Bridging	TG ballot	D1.4	WG ballot	Dec '16
802.1Qca	SPB Path Control and Reservation	TG ballot	D0.6	TG ballot #2	Dec '16
802.1CB	Frame Replication and Elimination	PAR approved	-	Initial Editor's draft	Dec '17
802.1AC-REV	MAC service SRP enhancements & performance	TG ballot	D0.2	WG ballot	Dec '17
802.1Qcc	improvements	PAR approved	D0.1	TG ballot #1	Dec '17
802.1Qcd	Application VLAN TLV	WG recirc ballot	D1.1	Sponsor ballot	Dec '17
802.1ARce	AR: SHA-384 and P-384 Elliptic Curve	PAR development	-	PAR precirculation	
802.1CF	Access network (OmniRAN)	NesCom	-	PAR approval	
802.1AB Cor-2	Tech and ed corrections	NesCom	-	PAR approval	
802.1AEcg	Ethernet data encryptors	PAR development		PAR precirculation	
802.1Qch	Synchronous queueing and forwarding	PAR development	-	PAR precirculation	

Preliminary IEEE 802.1 meeting plan

V3

IEEE 802 PLENARY SESSION
San Diego, California
July 13-18, 2014

802.1 tracks and times

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
07:00-07:30							
07:30-08:00							
08:00-08:30		<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: #00ff00; padding: 5px; margin-bottom: 5px;">EC MTG</div> <div style="display: flex; justify-content: space-between; width: 100%;"> <div style="width: 15%;">Trk 1: IWK</div> <div style="width: 15%;">Trk 2: TSN</div> <div style="width: 15%;">NEW MEMBERS ORIENTATION</div> </div> </div>	MTN TG Trk 1: Joint IWK/TSN Break Trk 1: Joint IWK/TSN/802.11 Lunch Trk 1: Joint IWK/TSN Break .1/15 joint	ITU SC Trk 1: IWK Break Trk 1: IWK Lunch Trk 1: IWK Break RAC	Trk 1: Joint IWK/TSN/802.11 Break Trk 1: IWK Lunch Closing 802.1 Plenary		
08:30-09:00							
09:00-09:30							
09:30-10:00							
10:00-10:30							
10:30-11:00							
11:00-11:30		Opening 802.1 Plenary					
11:30-12:00							
12:00-12:30							
12:30-13:00		Lunch					
13:00-13:30							
13:30-14:00							
14:00-14:30							
14:30-15:00							
15:00-15:30							
15:30-16:00		Break					
16:00-16:30							
16:30-17:00							
17:00-17:30							
17:30-18:00							
18:00-18:30		Break					
18:30-19:00		Tutorial #1 - Surveillance					
19:00-19:30		Tutorial #2 - Spectrum					
19:30-20:00		Tutorial #3 - Netconf/Yang					
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

- September 2014:
 - Ottawa, Canada
- Details on Website:

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