

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
- 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
 - Profile for mobile fronthaul
- Addressing and 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
 - 5G - industry connections

Officers

- Chair: Glenn Parsons
- Vice Chair: John Messenger
- Recording Secretary: Jessy Rouyer
- TSN TG 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 & Paul Unbehagen
 - Website: <http://www.ieee802.org/1/>

Sanity check – current workload

Project	Subject	Last Motion	Current Stage	Draft#	Next action	PAR ends	TG
802.1CB	Frame Replication and Elimination	Sponsor Ballot	Sponsor Ballot	D2.6	RevCom - conditional?	Dec '17	TSN
802.1AC-REV	MAC service	RevCom	RevCom - Dec	D4.0	Approval	Dec '17	MAINT
802.1Qcc	SRP enhancements & performance improvements	WG ballot	WG ballot	D1.1	WG ballot recirc	Dec '17	TSN
802.1ARce	AR: SHA-384 and P-384 Elliptic Curve	WG ballot	TG ballot	D1.1	WG ballot	Dec '18	SEC
802.1CF	Access network (OmniRAN)	TG ballot	TG ballot	D0.3	TG ballot	Dec '18	OMNI
802.1AEcg	Ethernet data encryption devices	Sponsor Ballot	Sponsor Ballot	D1.4	RevCom - conditional?	Dec '18	SEC
802.1Qch	Cyclic queueing and forwarding	WG ballot	WG ballot	D1.1	Sponsor Ballot	Dec '19	TSN
802.1AS-REV	Time synch enhancements	TG Ballot	TG Ballot	D4.2	TG Ballot	Dec '19	TSN
802c	Local Address space	WG Ballot	WG Ballot	D1.2	NesCom - PAR mod	Dec '19	DCB
802.1Qci	Per Stream Filtering & Policing	Sponsor Ballot	Sponsor Ballot	D2.0	RevCom - conditional?	Dec '19	TSN
802.1Qcj	Auto Attach to PBB	TG Ballot	Editor's draft	D0.1	TG Ballot	Dec '19	TSN
802.1Xck	802.1X YANG data model	WG ballot	TG ballot	D0.8	WG ballot	Dec '19	SEC
802.1CM	Profile for Fronthaul	TG Ballot	TG Ballot	D0.5	TG Ballot	Dec '19	TSN
802.1Qcn	EVB VDP extension	TG Ballot	Editor's draft	D0.4	TG Ballot	Dec '19	DCB
802.1Qcp	802.1Q YANG data model	TG Ballot	TG Ballot	D0.6	TG Ballot	Dec '19	TSN
802d	URN Namespace	Sponsor Ballot	Sponsor Ballot	D1.1	RevCom	Dec '19	TSN
802E	Privacy	NesCom	Editor's draft	D0.4	Editor's draft	Dec '19	SEC
802.1AX/Cor 1	Tech and ed corrections	Sponsor Ballot	Sponsor Ballot recirc	D0.6	RevCom	Dec '19	MAINT
802.1CQ	Local Address protocol	PAR approved	Editor's draft	D0.1	Editor's draft	Dec '20	DCB
802.1Qcr	Asynchronous Traffic Shaping	PAR approved	PAR approved		Editor's draft	Dec '20	TSN
802.1CS	LRP	PAR development	PAR development		NesCom		TSN
802.1AX-REV	Link Aggregation	PAR approved	PAR approved		Editor's draft	Dec '20	MAINT
802.1AR-REV	Secure Device Identity	PAR development	PAR development		NesCom		SEC
802.1Q-REV	Bridges and Bridged Networks	PAR approved	Editor's draft		Editor's draft	Dec '20	MAINT

802.1 plenary schedule

V1

IEEE 802 PLENARY SESSION
 Vancouver, BC
 March 13-17, 2017

802.1 tracks and times

	SUN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
07:00-07:30						
07:30-08:00						
08:00-08:30						
08:30-09:00		Trk 1: TSN		EC		
09:00-09:30				MTN TG	Trk 1: TSN	
09:30-10:00					Trk 2: DCB	
10:00-10:30					Trk 3: SEC	
10:30-11:00					ITU SC	
11:00-11:30						
11:30-12:00					Trk 1: TSN	
12:00-12:30						
12:30-13:00						
13:00-13:30						
13:30-14:00						
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14:30-15:00						
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20:30-21:00						
21:00-21:30						
21:30-22:00						

KEY:
 TSN: Time Sensitive Netw'kg
 MTN TG: Maintenance TG
 SEC: Security
 DCB: Data Center Bridging
 OR: OmniRAN

Next Interim meeting

- May 15-18, 2017:
 - Stuttgart, Germany
- Details on Website:

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