

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
- 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
802.1Qbu	Frame preemption	RevCom	Published - Aug 30	D3.1		Dec '16
802.1Qbv	Scheduled traffic	RevCom	Published - Mar 18	D3.1		Dec '16
802.1Qbz	802.11 Bridging	RevCom	Published - Sept 30	D2.4		Dec '16
802.1Qca	SPB Path Control and Reservation	RevCom	Published - Mar 11	D2.1		Dec '16
802.1CB	Frame Replication and Elimination	Sponsor Ballot	Sponsor Ballot	D2.6	Sponsor Ballot recirc	Dec '17
802.1AC-REV	MAC service	RevCom	RevCom - Dec	D4.0	Approval	Dec '17
802.1Qcc	SRP enhancements & performance improvements	WG ballot	WG ballot	D1.1	WG ballot	Dec '17
802.1ARce	AR: SHA-384 and P-384 Elliptic Curve	WG ballot	TG ballot	D1.1	withdrawal	Dec '18
802.1CF	Access network (OmniRAN)	TG ballot	TG ballot	D0.3	TG ballot	Dec '18
802.1AB-REV	Station and MAC Connectivity Discovery	RevCom	Published - Mar 11	D1.2		Dec '18
802.1AEcg	Ethernet data encryption devices	Sponsor Ballot	Sponsor Ballot recirc	D1.6	RevCom - conditional	Dec '18
802.1Qch	Cyclic queueing and forwarding	WG ballot	WG ballot	D2.0	Sponsor Ballot	Dec '19
802.1AS/Cor2	Tech and ed corrections	RevCom	Published - Apr 29	D3.0		Dec '18
802.1AS-REV	Time synch enhancements	TG Ballot	TG Ballot	D4.2	TG Ballot	Dec '19
802c	Local Address space	WG Ballot	WG Ballot	D1.2	PAR mod & sponsor	Dec '19
802.1Q/Cor1	Tech and ed corrections	RevCom	Published - Jan 12			Dec '19
802.1Qci	Per Stream Filtering & Policing	Sponsor Ballot	Sponsor Ballot	D2.0	RevCom - conditional	Dec '19
802.1Qcj	Auto Attach to PBB	TG Ballot	Editor's draft	D0.1	TG Ballot	Dec '19
802.1Xck	802.1X YANG data model	WG ballot	TG ballot	D0.8	WG ballot	Dec '19
802.1CM	Profile for Fronthaul	TG Ballot	TG Ballot	D0.5	TG Ballot	Dec '19
802.1Qcn	EVB VDP extension	TG Ballot	Editor's draft	D0.4	TG Ballot	Dec '19
802.1Qcp	802.1Q YANG data model	TG Ballot	TG Ballot	D0.6	TG Ballot	Dec '19
802d	URN Namespace	Sponsor Ballot	Sponsor Ballot	D1.2	RevCom - conditional	Dec '19
802E	Privacy	NesCom	Editor's draft	D0.4	Editor's draft	Dec '19
802.1AX/Cor1	Tech and ed corrections	Sponsor Ballot	Sponsor Ballot recirc	D0.6	RevCom	Dec '19
802.1CQ	Local Address protocol	PAR approved	Editor's draft	D0.1	Editor's draft	Dec '20
802.1BA/Cor1	Tech and ed corrections	WG ballot	Published - July 22	D0.0		
802.1Qcr	Asynchronous Traffic Shaping	PAR approved	PAR approved		Editor's draft	Dec '20
802.1CS	LRP	PAR development	PAR development		NesCom	
802.1AX-REV	Link Aggregation	PAR approved	PAR approved		Editor's draft	Dec '20
802.1AR-REV	Secure Device Identity	PAR development	PAR development		NesCom	
802.1Q-REV	Bridges and Bridged Networks	PAR approved	Editor's draft	D1.0	WG ballot	Dec '20

Next Interim meeting

- January 16-19, 2017:
 - Atlanta, Georgia, USA

- Details on Website:

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