

802.1 Working Group

Scope, Duties & Membership

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Scope - Areas of work

- 802 Architecture and interworking between 802 technologies
 - Cross-802 Architecture group, including “Technical Plenary” if needed
- Time-Sensitive Networking (TSN) Task Group:
 - Bridges and Bridged Networks
 - Discovery mechanisms
 - Link aggregation and protection
 - Time synchronization
 - Stream reservation and transmission support
 - Enhanced queuing and protection algorithms
 - Congestion management
 - TSN profiles for fronthaul, industrial, automotive and aerospace
 - Local Address usage including protocols for local address acquisition
- Security Task Group:
 - Secure frame transmission, Key management and Secure device identity
 - Port authentication
 - Privacy
- Maintenance Task Group
 - Tracking issues reported with published standards
- YANGsters
 - Network Management Data Modelling
- 802 NENDICA
 - IEEE 802 “Network Enhancements for the Next Decade” Industry Connections Activity

Scope detail – current PARs

Project	Short Title	Last Motion	Current Stage	Draft#	Next action	PAR ends
60802 (DA)	TSN Profile for Industrial Automation	SA ballot	SA ballot	D3.4	RevCom & PAR extension	Dec '25
802.1DG	TSN Profile for Automotive Networks	SA ballot	SA ballot recirc	D4.3	Published - June 6	Dec '25
802.1DP	TSN Profile for Aerospace	SA ballot	SA ballot recirc	D3.3	RevCom	Dec '26
802.1Qdq	Tspec	WG ballot	WG ballot	D1.2	PAR Extension	Dec '25
802.1ASds	Half-duplex support	WG ballot	WG ballot	D1.2	WG ballot	Dec '26
802.1Qdt	PFC MACsec	TG Ballot	Editor's draft	D0.4	TG Ballot	Dec '26
802.1DU	Cut-through forwarding	TG Ballot	TG Ballot	D0.3	TG Ballot	Dec '27
802.1Qdv	Cyclic Queueing and Forwarding	TG Ballot	TG Ballot	D0.4	TG Ballot	Dec '26
802-rev	O&A	SA Ballot conditional	Approved - Dec 11	D2.2	Published - March 11	Dec '26
802.1Qdw	Source Flow Control	Nescom	PAR approved		Editor's draft	Dec '26
802.1Q-2022 rev	Bridges and Bridged Networks	TG Ballot	Editor's draft	D1.6	TG Ballot	Dec '27
802.1AS-2020 rev	Timing and Synchronization	WG ballot	TG Ballot	D1.3	SA ballot	Dec '27
802.1AXdz	YANG for LAG	SA ballot	SA ballot recirc	D2.1	RevCom	Dec '28
802.1ACea	802.15.16 convergence	WG Ballot	Editor's draft	D1.3	WG Ballot	Dec '28
802.1CB/cor1	FRER corrigendum	WG Ballot	WG Ballot	D1.1	SA ballot	Dec '28
802.1ASeb	Announce	TG Ballot	PAR approved		Editor's draft	Dec ' 28
802.1ASed	Fault tolerant timing	WG ballot	WG ballot	D2.1	SA ballot conditional	Dec ' 28
802.1DD	Resource Allocation Protocol	TG Ballot	Editor's draft	D1.1	TG Ballot	Dec ' 28
802.1AB-2016 rev	LLDP	TG Ballot	PAR approved	D0.2	WG Ballot	Dec ' 28
802.1AC-2016 rev	MAC Service	TG Ballot	PAR approved		Editor's draft	Dec ' 28
802.1CBec	FRER configuration	TG Ballot	draft PAR		PAR modifcation	Dec ' 29
802.1CB-2017 rev	FRER	TG Ballot	draft PAR		TG Ballot	Dec ' 29
802.1Qee	Wireless TE	PAR development	draft PAR		NesCom	
802.1X-2020/Cor1	YANG corrigendum for Port Auth		PAR development		NesCom	
802.1X-2020 rev	Port Authentication		PAR development		NesCom	
802.1AE-2018 rev	MACsec		PAR development		NesCom	
802.1AR-2018 rev	Device ID		PAR development		NesCom	
802.1AEef	Ascon for MACsec				PAR development	
802.1AReg	ML-DSA for Device ID				PAR development	

Operation of 802.1 WG

- Membership, voting and duties of the WG are governed by [LMSC WG P&P](#)
 - Additional [guidelines](#) on voting are consistent with the WG P&P

802.1 WG Officers and Leadership

- Chair: Glenn Parsons
- Vice-Chair & Recording Secretary: Jessy Rouyer
 - Executive Secretary: Stephan Kehrer
 - Liaison Secretary: Karen Randall
- Maintenance TG Chair: Mark Hantel
- Security TG Chair: Mick Seaman
 - Security TG Vice-Chair: Karen Randall
- TSN TG Chair: János Farkas
 - TSN TG Vice-Chair: David McCall
 - TSN TG Secretary: Johannes Specht
 - IEC/IEEE 60802 Joint Project Chair: Dieter Pröll
 - IEEE P802.1DP/SAE AS6675 joint project co-Chairs: Abdul Jabbar & János Farkas
 - IEEE P802.1DP/SAE AS6675 joint project Secretary: Nader Zein
- NENDICA Chair: Roger Marks
 - NENDICA vice-chair: Johannes Specht
- YANGsters Chair: Scott Mansfield
 - YANGsters Vice-Chair and Secretary: Stephan Kehrer
- Maintenance of Email exploder: Mark Hantel and Hal Keen
- Maintenance of website: Mark Hantel, Roger Marks, John Messenger

The following are 802.1 voting members (57):

Ahmed, Mahin
Arunarathi, Venkat
Assmann, Ralf
Belliardi, Rudy
Boiger, Christian
Bottorff, Paul
Canchi, Radhakrishna
Chen, Feng
Chen, Lihao
Choudhury, Abhijit
Farkas, Janos
Fedyk, Donald
Finn, Norman
Garner, Geoffrey
Goto, Fumihide
Haddock, Stephen
Hantel, Mark
Holness, Marc
Hopf, Daniel

Huh, Woojung
Itaya, Satoko
Ito, Yoshihiro
Jabbar, Abdul
Karl, Michael
Kehrer, Stephan
Kiessling, Marcel
Lai, Gavin
Lyu, Yunping(Lily)
Mangin, Christophe
Mansfield, Scott
Mater, Olaf
McCall, David
Mittelberger, Martin
Nakano, Hiroki
Nomura, Takumi
Parsons, Glenn
Pearn, Richie
Proell, Dieter

Randal, Karen
Riegel, Maximilian
Rodrigues, Silvana
Rouyer, Jessy
Roy, Rajeev
Sato, Atsushi
Seaman, Michael
Seewald, Maik
Sivakolundu, Ramesh
Specht, Johannes
Stanica, Marius
Turner, Max
Venkatesan, Ganesh
Wang, Tongtong
Wessels, Leon
Winkel, Ludwig
Woods, Jordon
Yamaura, Takahiro
Zein, Nader