

IEEE 802 Active Standards Report
10 July 2023

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Standard Number	Std Year	Working Group	Standard Title	Standard Expiration Date
802	2014	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks: Overview and Architecture	31 Dec 2024
802c	2017	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks: Overview and Architecture--Amendment 2: Local Medium Access Control (MAC) Address Usage	31 Dec 2024
802d	2017	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks: Overview and Architecture Amendment 1: Allocation of Uniform Resource Name (URN) Values in IEEE 802(R) Standards	31 Dec 2024
802.1AB	2016	C/LM/802.1 WG	IEEE Standard for Local and metropolitan area networks - Station and Media Access Control Connectivity	31 Dec 2026
802.1ABcu	2021	C/LM/802.1 WG	IEEE Standard for Local and metropolitan networks--Station and Media Access Control Connectivity Discovery Amendment 1: YANG Data Model	31 Dec 2026
802.1ABdh	2021	C/LM/802.1 WG	IEEE Standard for Local and metropolitan area networks-- Station and Media Access Control Connectivity Discovery Amendment 2: Support for Multiframe Protocol Data Units	31 Dec 2026
802.1AC	2016	C/LM/802.1 WG	IEEE Standard for Local and metropolitan area networks -- Media Access Control (MAC) Service Definition	31 Dec 2026
802.1AC-2016/Cor 1	2018	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks--Media Access Control (MAC) Service Definition - Corrigendum 1: Logical Link Control (LLC) Encapsulation EtherType	31 Dec 2026
802.1ACct	2021	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area networks--Media Access Control (MAC) Service Definition- Amendment 1: Support for IEEE Std 802.15.3	31 Dec 2026
802.1CB	2017	C/LM/802.1 WG	IEEE Standard for Local and metropolitan area networks--Frame Replication and Elimination for Reliability	31 Dec 2027
802.1CBcv	2021	C/LM/802.1 WG	IEEE Standard for Local and metropolitan area networks -- Frame Replication and Elimination for Reliability	31 Dec 2027
802.1CBdb	2021	C/LM/802.1 WG	IEEE Standard for Local and metropolitan area networks--Frame Replication and Elimination for Reliability Amendment 2: Extended Stream Identification Functions	31 Dec 2027
802.1AE	2018	C/LM/802.1 WG	IEEE Standard for Local and metropolitan area networks-Media Access Control (MAC) Security	31 Dec 2028
802.1AE-2018/Cor 1	2020	C/LM/802.1 WG	IEEE Standard for Local and metropolitan area networks--Media Access Control (MAC) Security Corrigendum 1: Tag Control Information Figure	31 Dec 2028
802.1AR	2018	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks - Secure Device Identity	31 Dec 2028
802.1CM	2018	C/LM/802.1 WG	IEEE Standard for Local and metropolitan area networks -- Time-Sensitive Networking for Fronthaul	31 Dec 2028
802.1CMde	2020	C/LM/802.1 WG	IEEE Standard for Local and metropolitan area networks -- Time-Sensitive Networking for Fronthaul - Amendment 1: Enhancements to Fronthaul Profiles to Support New Fronthaul Interface, Synchronization, and Synchronization Standards	31 Dec 2028
802.1CF	2019	C/LM/802.1 WG	IEEE Recommended Practice for Network Reference Model and Functional Description of IEEE 802(R) Access Network	31 Dec 2029
802.1AS	2020	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks--Timing and Synchronization for Time-Sensitive Applications	31 Dec 2030

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802.1AS-2020/Cor 1	2021	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks--Timing and Synchronization for Time-Sensitive Applications - Corrigendum 1: Technical and Editorial Corrections	31 Dec 2030
802.1AX	2020	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks--Link Aggregation	31 Dec 2030
802.1CS	2020	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks--Link-Local Registration Protocol	31 Dec 2030
802.1X	2020	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks--Port-Based Network Access Control	31 Dec 2030
802E	2020	C/LM/802.1 WG	IEEE Recommended Practice for Privacy Considerations for IEEE 802(R) Technologies	31 Dec 2030
802.1BA	2021	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks--Audio Video Bridging (AVB) Systems	31 Dec 2031
802.1Q	2022	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks--Bridges and Bridged Networks	31 Dec 2032
P802.1AEdk	2023	C/LM/802.1 WG	Standard for Local and metropolitan area networks-Media Access Control (MAC) Security -- Amendment 4: MAC Privacy protection	31 Dec 2033
P802.1Qcz	2023	C/LM/802.1 WG	Standard for Local and Metropolitan Area Networks--Bridges and Bridged Networks -- Amendment: Congestion Isolation	31 Dec 2033
802.11	2020	C/LM/802.11 WG	IEEE Standard for Information Technology--Telecommunications and Information Exchange between Systems - Local and Metropolitan Area Networks--Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications	31 Dec 2030
802.11-2020/Cor 1	2022	C/LM/802.11 WG	IEEE Standard for Information Technology--Telecommunications and Information Exchange between Systems - Local and Metropolitan Area Networks--Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Corrigendum 1 -- Correct IEEE 802.11ay Assignment of Protected Announce Support bit	31 Dec 2030
802.11ax	2021	C/LM/802.11 WG	IEEE Standard for Information Technology--Telecommunications and Information Exchange between Systems Local and Metropolitan Area Networks--Specific Requirements Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications Amendment 1: Enhancements for High-Efficiency WLAN	31 Dec 2030
802.11ay	2021	C/LM/802.11 WG	IEEE Standard for Information Technology--Telecommunications and Information Exchange between Systems Local and Metropolitan Area Networks--Specific Requirements Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications Amendment 2: Enhanced Throughput for Operation in License-exempt Bands above 45 GHz	31 Dec 2030
802.11ba	2021	C/LM/802.11 WG	IEEE Standard for Information Technology--Telecommunications and Information Exchange between Systems--Local and Metropolitan Area Networks-Specific Requirements--Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Amendment 3: Wake-Up Radio Operation	31 Dec 2030
802.11az	2022	C/LM/802.11 WG	IEEE Approved Draft Standard for Information technology - Telecommunications and information exchange between systems Local and metropolitan area networks - Specific requirements Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Amendment 4: Enhancements for positioning	31 Dec 2032

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802.11bd	2022	C/LM/802.11 WG	IEEE Approved Draft Standard for Information technology--Telecommunications and information exchange between systems Local and metropolitan area networks--Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications Amendment 5: Enhancements for Next Generation V2X	31 Dec 2032
P802.11bb	2023	C/LM/802.11 WG	Standard for Information Technology--Telecommunications and Information Exchange Between Systems Local and Metropolitan Area Networks--Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications -- Amendment: Light Communications	31 Dec 2033
P802.11bc	2023	C/LM/802.11 WG	Standard for Information technology--Telecommunications and information exchange between systems Local and metropolitan area networks--Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications -- Amendment: Enhanced Broadcast Service	31 Dec 2033
802.15.13	2023	C/LM/802.15 WG	IEEE Standard for Multi-Gigabit per Second Optical Wireless Communications (OWC), with Ranges up to 200 meters, for both stationary and mobile devices	31 Dec 2023
802.15.3	2016	C/LM/802.15 WG	IEEE Standard for High Data Rate Wireless Multi-Media Networks	31 Dec 2026
802.15.3d	2017	C/LM/802.15 WG	IEEE Standard for High Data Rate Wireless Multi-Media Networks Amendment 2: 100 Gb/s Wireless Switched Point-to-Point Physical Layer	31 Dec 2026
802.15.3e	2017	C/LM/802.15 WG	IEEE Standard for High Data Rate Wireless Multi-Media Networks--Amendment 1: High-Rate Close Proximity Point-to-Point Communications	31 Dec 2026
802.15.3f	2017	C/LM/802.15 WG	IEEE Standard for High Data Rate Wireless Multi-Media Networks Amendment 3: Extending the Physical Layer (PHY) Specification for Millimeter Wave to Operate from 57.0 GHz to 71 GHz	31 Dec 2026
802.15.10	2017	C/LM/802.15 WG	IEEE Recommended Practice for Routing Packets in IEEE 802.15.4 Dynamically Changing Wireless Networks	31 Dec 2027
802.15.10a	2019	C/LM/802.15 WG	IEEE Recommended Practice for Routing Packets in IEEE 802.15.4(TM) Dynamically Changing Wireless Networks - Amendment 1: Fully Defined Use of Addressing and Route Information Currently in IEEE Std 802.15.10	31 Dec 2027
802.15.8	2017	C/LM/802.15 WG	IEEE Standard for Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Peer Aware Communications (PAC)	31 Dec 2027
802.15.7	2018	C/LM/802.15 WG	IEEE Standard for Local and metropolitan area networks--Part 15.7: Short-Range Optical Wireless Communications	31 Dec 2028
802.15.22.3	2020	C/LM/802.15 WG	IEEE Standard for Spectrum Characterization and Occupancy Sensing	31 Dec 2030
802.15.4	2020	C/LM/802.15 WG	IEEE Standard for Low-Rate Wireless Networks	31 Dec 2030
802.15.4-2020/Cor 1	2022	C/LM/802.15 WG	IEEE Standard for Low-Rate Wireless Networks Corrigendum 1: Correction of Errors Preventing Backward Compatibility	31 Dec 2030
802.15.4aa	2022	C/LM/802.15 WG	IEEE Standard for Low-Rate Wireless Networks Amendment 4: Higher Data Rate Extension to IEEE 802.15.4 Smart Utility Network (SUN) Frequency Shift Keying (FSK) Physical Layer (PHY)	31 Dec 2030

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802.15.4w	2020	C/LM/802.15 WG	IEEE Standard for Low-Rate Wireless Networks--Amendment 2: Low Power Wide Area Network (LPWAN) Extension to the Low-Energy Critical Infrastructure Monitoring (LECI) Physical Layer (PHY)	31 Dec 2030
802.15.4y	2021	C/LM/802.15 WG	IEEE Standard for Low-Rate Wireless Networks Amendment 3: Advanced Encryption Standard (AES)-256 Encryption and Security Extensions	31 Dec 2030
802.15.4z	2020	C/LM/802.15 WG	IEEE Standard for Low-Rate Wireless Networks--Amendment 1: Enhanced Ultra Wideband (UWB) Physical Layers (PHYs) and Associated Ranging Techniques	31 Dec 2030
802.15.9	2021	C/LM/802.15 WG	IEEE Standard for Transport of Key Management Protocol (KMP) Datagrams	31 Dec 2031
802.16	2017	C/LM/802.16 WG	IEEE Standard for Air Interface for Broadband Wireless Access Systems	31 Dec 2027
802.19.1	2018	C/LM/802.19 WG	IEEE Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific requirements--Part 19: Wireless Network Coexistence Methods	31 Dec 2028
802.19.3	2021	C/LM/802.19 WG	IEEE Recommended Practice for Local and Metropolitan Area Networks--Part 19: Coexistence Methods for IEEE 802.11 and IEEE 802.15.4 Based Systems Operating in the Sub-1 GHz Frequency Bands	31 Dec 2031
802.21	2017	C/LM/802.21 WG	IEEE Standard for Local and metropolitan area networks--Part 21: Media Independent Services Framework	31 Dec 2027
802.21-2017/Cor 1	2017	C/LM/802.21 WG	IEEE Standard for Local and metropolitan area networks--Part 21: Media Independent Services Framework--Corrigendum 1: Clarification of Parameter Definition in Group Session Key Derivation	31 Dec 2027
802.21.1	2017	C/LM/802.21 WG	IEEE Standard for Local and metropolitan area networks--Part 21.1: Media Independent Services	31 Dec 2027
802.22	2019	C/LM/802.22 WG	IEEE Standard - Information Technology-Telecommunications and information exchange between systems- Wireless Regional Area Networks-Specific requirements-Part 22: Cognitive Wireless RAN MAC and PHY specifications: Policies and Procedures for Operation in the Bands that Allow Spectrum Sharing where the Communications Devices May Opportunistically Operate in the Spectrum of Primary Service	31 Dec 2029
802.3.1	2013	C/LM/802.3 WG	IEEE Standard for Management Information Base (MIB) Definitions for Ethernet	31 Dec 2023
802.3.2	2019	C/LM/802.3 WG	IEEE Standard for Ethernet - YANG Data Model Definitions	31 Dec 2029
802.3	2022	C/LM/802.3 WG	IEEE Standard for Ethernet	31 Dec 2032
802.3ck	2022	C/LM/802.3 WG	IEEE Standard for Ethernet Amendment 4: Physical Layer Specifications and Management Parameters for 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces Based on 100 Gb/s Signaling	31 Dec 2032
802.3cs	2022	C/LM/802.3 WG	IEEE Standard for Ethernet Amendment 2: Physical Layers and Management Parameters for increased-reach point-to-multipoint Ethernet optical subscriber access (Super-PON)	31 Dec 2032
802.3db	2022	C/LM/802.3 WG	IEEE Standard for Ethernet - Amendment 3: Physical Layer Specifications and Management Parameters for 100 Gb/s, 200 Gb/s, and 400 Gb/s Operation over Optical Fiber using 100 Gb/s Signaling	31 Dec 2032
802.3dd	2022	C/LM/802.3 WG	IEEE Standard for Ethernet Amendment 1: Power over Data Lines of Single Pair Ethernet	31 Dec 2032
802.3de	2022	C/LM/802.3 WG	IEEE Standard for Ethernet - Amendment 5: Enhancements to the MAC Merge and Time Synchronization Service Interface for Point-to-Point 10 Mb/s Single Pair Ethernet	31 Dec 2032
P802.3cx	2023	C/LM/802.3 WG	Standard for Ethernet -- Amendment: Media Access Control (MAC) service interface and management parameters to support improved Precision Time Protocol (PTP) timestamping accuracy	31 Dec 2033

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P802.3cy	2023	C/LM/802.3 WG	Standard for Ethernet -- Amendment: Physical Layer Specifications and Management Parameters for greater than 10 Gb/s Electrical Automotive Ethernet	31 Dec 2033
P802.3cz	2023	C/LM/802.3 WG	Standard for Ethernet -- Amendment: Physical Layer Specifications and Management Parameters for multi-gigabit optical Ethernet using graded-index glass optical fiber for application in the automotive environment	31 Dec 2033