

IEEE 802 Active Standards Report  
15 February 2022

Doc #ec-22-0033-00-00SA

Standard Number	Std Year	Working Group	Standard Title	Standard Expiration Date
802.1BR	2012	C/LM/802.1 WG	IEEE Standard for Local and metropolitan area networks--Virtual Bridged Local Area Networks--Bridge Port Extension	31 Dec 2022
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 Discovery	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
802.1CB	2017	C/LM/802.1 WG	IEEE Standard for Local and metropolitan area networks--Frame Replication and Elimination for Reliability	31 Dec 2027
802.1AE	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 Syntonization Standards	31 Dec 2028
802.1Q	2018	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks--Bridges and Bridged Networks	31 Dec 2028

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802.1Qcc	2018	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks--Bridges and Bridged Networks -- Amendment 31: Stream Reservation Protocol (SRP) Enhancements and Performance Improvements	31 Dec 2028
802.1Qcp	2018	C/LM/802.1 WG	IEEE Standard for Local and metropolitan area networks--Bridges and Bridged Networks--Amendment 30: YANG Data Model	31 Dec 2028
802.1Qcr	2020	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks--Bridges and Bridged Networks - Amendment 34:Asynchronous Traffic Shaping	31 Dec 2028
802.1Qcx	2020	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks--Bridges and Bridged Networks Amendment 33: YANG Data Model for Connectivity Fault Management	31 Dec 2028
802.1Qcy	2019	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks--Bridges and Bridged Networks Amendment 32: Virtual Station Interface (VSI) Discovery and Configuration Protocol (VDP) Extension to Support Network Virtualization Overlays Over Layer 3 (NVO3)	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
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
802.1ABcu	2021	C/LM/802.1 WG	IEEE Approved Draft Standard for Local and Metropolitan Area Networks - Station and Media Access Control Connectivity Discovery Amendment: YANG Data Model	31 Dec 2031
802.1ABdh	2021	C/LM/802.1 WG	IEEE Approved Draft Standard for Local and Metropolitan Area Networks - Station and Media Access Control Connectivity Discovery - Amendment: Support for Multiframe Protocol Data Units	31 Dec 2031
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 2031

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802.1AS-2020/Cor 1	2021	C/LM/802.1 WG	IEEE Approved Draft Standard for Local and Metropolitan Area Networks-- Timing and Synchronization for Time-Sensitive Applications - Corrigendum 1: Technical and Editorial Corrections	31 Dec 2031
802.1BA	2021	C/LM/802.1 WG	IEEE Standard for Local and Metropolitan Area Networks--Audio Video Bridging (AVB) Systems	31 Dec 2031
802.1CBcv	2021	C/LM/802.1 WG	IEEE Standard for Local and metropolitan area networks -- Frame Replication and Elimination for Reliability - Amendment 1: Information Model, YANG Data Model, and Management Information Base Module	31 Dec 2031
802.1CBdb	2021	C/LM/802.1 WG	IEEE Approved Draft Standard for Local and metropolitan area networks -- Frame Replication and Elimination for Reliability - Amendment 2: Extended Stream identification functions	31 Dec 2031
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
802.11ax	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 2031
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 2031
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 2031
802.15.6	2012	C/LM/802.15 WG	IEEE Standard for Local and metropolitan area networks - Part 15.6: Wireless Body Area Networks	31 Dec 2022
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

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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
802.15.4w	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 (LECIM) Physical Layer (PHY)	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
802.15.4y	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 2031
802.15.9	2021	C/LM/802.15 WG	IEEE Standard for Transport of Key Management Protocol (KMP) Datagrams	31 Dec 2031
802.15.4aa	2022	C/LM/802.15 WG	IEEE Approved Draft Standard for Low-Rate Wireless Networks Amendment: Higher data rate extension to IEEE 802.15.4 Smart Utility Network (SUN) Frequency Shift Keying (FSK) Physical layer (PHY)	31 Dec 2032
802.16.1	2012	C/LM/802.16 WG	IEEE Standard for WirelessMAN-Advanced Air Interface for Broadband Wireless Access Systems	31 Dec 2022
802.16.1a	2013	C/LM/802.16 WG	IEEE Standard for WirelessMAN-Advanced Air Interface for Broadband Wireless Access Systems --Amendment 2: Higher Reliability Networks	31 Dec 2022
802.16.1b	2012	C/LM/802.16 WG	IEEE Standard for WirelessMAN-Advanced Air Interface for Broadband Wireless Access Systems Amendment 1: Enhancements to Support Machine-to-Machine Applications	31 Dec 2022
802.16	2017	C/LM/802.16 WG	IEEE Standard for Air Interface for Broadband Wireless Access Systems	31 Dec 2027

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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
802.22.2	2012	C/LM/802.22 WG	IEEE Recommended Practice for Information Technology - Telecommunications and information exchange between systems Wireless Regional Area Networks (WRAN) - Specific requirements - Part 22.2: Installation and Deployment of IEEE 802.22 Systems	31 Dec 2022
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	2018	C/LM/802.3 WG	IEEE Standard for Ethernet	31 Dec 2028
802.3bt	2018	C/LM/802.3 WG	IEEE Standard for Ethernet Amendment 2: Physical Layer and Management Parameters for Power over Ethernet over 4 pairs	31 Dec 2028
802.3cb	2018	C/LM/802.3 WG	IEEE Standard for Ethernet - Amendment 1:Physical Layer Specifications and Management Parameters for 2.5 Gb/s and 5 Gb/s Operation over Backplane	31 Dec 2028
802.3cd	2018	C/LM/802.3 WG	IEEE Standard for Ethernet - Amendment 3: Media Access Control Parameters for 50 Gb/s and Physical Layers and Management Parameters for 50 Gb/s, 100 Gb/s, and 200 Gb/s Operation	31 Dec 2028
802.3cg	2019	C/LM/802.3 WG	IEEE Standard for Ethernet - Amendment 5: Physical Layer Specifications and Management Parameters for 10 Mb/s Operation and Associated Power Delivery over a Single Balanced Pair of Conductors	31 Dec 2028

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802.3ch	2020	C/LM/802.3 WG	IEEE Standard for Ethernet--Amendment 8:Physical Layer Specifications and Management Parameters for 2.5 Gb/s, 5 Gb/s, and 10 Gb/s Automotive Electrical Ethernet	31 Dec 2028
802.3cm	2020	C/LM/802.3 WG	IEEE Standard for Ethernet -- Amendment 7: Physical Layer and Management Parameters for 400 Gb/s over Multimode Fiber	31 Dec 2028
802.3cn	2019	C/LM/802.3 WG	IEEE Standard for Ethernet - Amendment 4: Physical Layers and Management Parameters for 50Gb/s, 200Gb/s, and 400Gb/s Operation over Single-Mode Fiber	31 Dec 2028
802.3cq	2020	C/LM/802.3 WG	IEEE Standard for Ethernet Amendment 6: Maintenance #13: Power over Ethernet over 2 pairs	31 Dec 2028
802.3.2	2019	C/LM/802.3 WG	IEEE Standard for Ethernet - YANG Data Model Definitions	31 Dec 2029
802.3ca	2020	C/LM/802.3 WG	IEEE Standard for Ethernet Amendment 9: Physical Layer Specifications and Management Parameters for 25 Gb/s and 50 Gb/s Passive Optical Networks	31 Dec 2030
802.3cp	2021	C/LM/802.3 WG	IEEE Standard for Ethernet -- Amendment 14: Bidirectional 10 Gb/s, 25 Gb/s, and 50 Gb/s Optical Access PHYs	31 Dec 2031
802.3cr	2021	C/LM/802.3 WG	IEEE Standard for Ethernet Amendment 10: Maintenance #14: Isolation	31 Dec 2031
802.3ct	2021	C/LM/802.3 WG	IEEE Standard for Ethernet Amendment 13: Physical Layers and Management Parameters for 100 Gb/s Operation over DWDM Systems	31 Dec 2031
802.3cu	2021	C/LM/802.3 WG	IEEE Standard for Ethernet - Amendment 11: Physical Layers and Management Parameters for 100 Gb/s and 400 Gb/s Operation over Single-Mode Fiber at 100 Gb/s per Wavelength	31 Dec 2031
802.3cv	2021	C/LM/802.3 WG	IEEE Standard for Ethernet Amendment 12: Maintenance #15: Power over Ethernet	31 Dec 2031