

## 802 Active Standards as of 2/15/2018

Standard	Year	Working Group	Title	SASB Expiration	Rev PAR Open
802.2	2008	C/LM/WG802.20	IEEE Standard for Local and Metropolitan Area Networks - Part 20: Air Interface for Mobile Broadband Wireless Access Systems Supporting Vehicular Mobility -- Physical and Media Access Control Layer Specification	12/31/2018	
802.16-Conformance04	2006	C/LM/WG802.16	IEEE Standard for Conformance to IEEE 802.16 - Part 4: Protocol Implementation Conformance Statement (PICS) Proforma for Frequencies below 11 GHz	12/31/2018	NO
802.1AE	2006	C/LM/WG802.1	IEEE Standard for Local and Metropolitan Area Networks: Media Access Control (MAC) Security	12/31/2018	YES
8802-4	1990	C/LM	ISO/IEC 8802-4:1990: Information processing systems - Local area networks - Part 4:Token-passing bus access method and physical layer specifications	12/31/2018	
802.15.2	2003	C/LM/WG802.15	IEEE Recommended Practice for Information technology-- Local and metropolitan area networks-- Specific requirements-- Part 15.2: Coexistence of Wireless Personal Area Networks with Other Wireless Devices Operating in Unlicensed Frequency Bands	12/31/2019	NO

802.15.5	2009	C/LM/WG802.15	IEEE Recommended Practice for Information technology-- Telecommunications and information exchange between systems-- Local and metropolitan area networks-- Specific requirements Part 15.5: Mesh Topology Capability in Wireless Personal Area Networks (WPANs)	12/31/2019	NO
802.1AR	2009	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks - Secure Device Identity	12/31/2019	NO
802.15.1	2005	C/LM/WG802.15	IEEE Standard for Information technology-- Local and metropolitan area networks-- Specific requirements-- Part 15.1a: Wireless Medium Access Control (MAC) and Physical Layer (PHY) specifications for Wireless Personal Area Networks (WPAN)	12/31/2020	YES
802.16.2	2004	C/LM/WG802.16	IEEE Recommended Practice for Local and Metropolitan Area Networks Coexistence of Fixed Broadband Wireless Access Systems	12/31/2020	NO
802.1X	2010	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks--Port-Based Network Access Control	12/31/2020	NO
802.20.2	2010	C/LM/WG802.20	IEEE Standard for Conformance to IEEE 802.20 Systems--Protocol Implementation Conformance Statement (PICS) Proforma	12/31/2020	NO
802.20.3	2010	C/LM/WG802.20	IEEE Standard for Minimum Performance Characteristics of IEEE 802.20 Terminals and Base Stations/Access Nodes	12/31/2020	NO

802.20a	2010	C/LM/WG802.20	IEEE Standard for Local and metropolitan area networks--Part 20: Air Interface for Mobile Broadband Wireless Access Systems Supporting Vehicular Mobility--Physical and Media Access Control Layer Specification Amendment 1: Management Information Base Enhancements and Corrigenda Items	12/31/2020	
802.22.1	2010	C/LM/WG802.22	IEEE Standard for Information Technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific requirements Part 22.1: Standard to Enhance Harmful Interference Protection for Low-Power Licensed Devices Operating in TV Broadcast Bands	12/31/2020	NO
802.22	2011	C/LM/WG802.22	IEEE Standard for Information technology-- Local and metropolitan area networks-- Specific requirements-- Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Policies and procedures for operation in the TV Bands	12/31/2021	NO
802.15.7	2011	C/LM/WG802.15	IEEE Standard for Local and Metropolitan Area Networks--Part 15.7: Short-Range Wireless Optical Communication Using Visible Light	12/31/2021	YES

802.1AEbn	2011	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks--Media Access Control (MAC) Security Amendment 1: Galois Counter Mode--Advanced Encryption Standard-- 256 (GCM-AES-256) Cipher Suite	12/31/2021	NO
802.1AS	2011	C/LM/WG802.1	IEEE Standard for Local and Metropolitan Area Networks - Timing and Synchronization for Time-Sensitive Applications in Bridged Local Area Networks	12/31/2021	YES
802.1BA	2011	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks--Audio Video Bridging (AVB) Systems	12/31/2021	NO
802.1D	2004	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks: Media Access Control (MAC) Bridges	12/31/2021	NO
802.15.6	2012	C/LM/WG802.15	IEEE Standard for Local and metropolitan area networks - Part 15.6: Wireless Body Area Networks	12/31/2022	NO
802.16.1	2012	C/LM/WG802.16	IEEE Standard for WirelessMAN-Advanced Air Interface for Broadband Wireless Access Systems	12/31/2022	NO
802.16.1b	2012	C/LM/WG802.16	IEEE Standard for WirelessMAN-Advanced Air Interface for Broadband Wireless Access Systems Amendment 1: Enhancements to Support Machine-to-Machine Applications	12/31/2022	NO
802.1AXbk	2012	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks--Link Aggregation Amendment 1: Protocol Addressing	12/31/2022	NO
802.1BR	2012	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks--Virtual Bridged Local Area Networks--Bridge Port Extension	12/31/2022	NO

802.22.2	2012	C/LM/WG802.22	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	12/31/2022	
802.16.1a	2013	C/LM/WG802.16	IEEE Standard for WirelessMAN-Advanced Air Interface for Broadband Wireless Access Systems --Amendment 2: Higher Reliability Networks	12/31/2023	NO
802.1AEbw	2013	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks--Media Access Control (MAC) Security Amendment 2: Extended Packet Numbering	12/31/2023	NO
802.1AS-2011/Cor 1	2013	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks-- Timing and Synchronization for Time-Sensitive Applications in Bridged Local Area Networks-- Corrigendum 1: Technical and Editorial Corrections	12/31/2023	NO
802.3.1	2013	C/LM/WG802.3	IEEE Standard for Management Information Base (MIB) Definitions for Ethernet	12/31/2023	NO
802	2014	C/LM/WG802.1	IEEE Standard for Local and Metropolitan Area Networks: Overview and Architecture	12/31/2024	NO

802.19.1	2014	C/LM/WG802.19	IEEE Standard for Information technology--Telecommunications and information exchange between systems -- Local and metropolitan area networks -- Specific requirements -- Part 19: TV White Space Coexistence Methods	12/31/2024	YES
802.1AX	2014	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks -- Link Aggregation	12/31/2024	NO
802.1Q	2014	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks--Bridges and Bridged Networks	12/31/2024	NO
802.1Xbx	2014	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks -- Port-Based Network Access Control Amendment 1: MAC Security Key Agreement Protocol (MKA) Extensions	12/31/2024	NO
802.3	2015	C/LM/WG802.3	IEEE Standard for Ethernet	12/31/2025	NO
802.15.4	2015	C/LM/WG802.15	IEEE Standard for Low-Rate Wireless Networks	12/31/2025	NO
802.1AS-2011/Cor 2	2015	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks-- Timing and Synchronization for Time-Sensitive Applications in Bridged Local Area Networks-- Corrigendum 2: Technical and Editorial Corrections	12/31/2025	NO
802.1Q-2014/Cor 1	2015	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks--Bridges and Bridged Networks--Corrigendum 1: Technical and editorial corrections	12/31/2025	NO

802.1Qbv	2015	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks -- Bridges and Bridged Networks - Amendment 25: Enhancements for Scheduled Traffic	12/31/2025	
802.1Qca	2015	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks-- Bridges and Bridged Networks - Amendment 24: Path Control and Reservation	12/31/2025	NO
802.1Qcd	2015	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks-- Bridges and Bridged Networks - Amendment 23: Application Virtual Local Area Network (VLAN) Type, Length, Value (TLV)	12/31/2025	NO
802.22b	2015	C/LM/WG802.22	IEEE Standard for Information Technology--Telecommunications and information exchange between systems - Wireless Regional Area Networks (WRAN)--Specific requirements - Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications:Policies and Procedures for Operation in the TV Bands - Amendment 2: Enhancement for Broadband Services and Monitoring Applications	12/31/2025	
802.3bw	2015	C/LM/WG802.3	IEEE Standard for Ethernet Amendment 1: Physical Layer Specifications and Management Parameters for 100 Mb/s Operation over a Single Balanced Twisted Pair Cable (100BASE-T1)	12/31/2025	NO
					NO

802.11	2016	C/LM/WG802.11	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	12/31/2026	
802.11ah	2016	C/LM/WG802.11	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: Sub 1 GHz License Exempt Operation	12/31/2026	NO
802.11ai	2016	C/LM/WG802.11	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: Fast Initial Link Setup	12/31/2026	NO
802.15.3	2016	C/LM/WG802.15	IEEE Standard for High Data Rate Wireless Multi-Media Networks	12/31/2026	NO
802.15.4n	2016	C/LM/WG802.15	IEEE Standard for Low-Rate Wireless Networks -- Amendment 1: Physical Layer Utilizing China Medical Bands	12/31/2026	NO
802.15.4q	2016	C/LM/WG802.15	IEEE Standard for Low-Rate Wireless Networks --Amendment 2: Ultra-Low Power Physical Layer	12/31/2026	NO
802.15.4u	2016	C/LM/WG802.15	IEEE Standard for Low-Rate Wireless Networks--Amendment 3: Use of the 865 MHz to 867 MHz Band in India	12/31/2026	NO



802.15.9	2016	C/LM/WG802.15	IEEE Recommended Practice for Transport of Key Management Protocol (KMP) Datagrams	12/31/2026	NO
802.1AB	2016	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks - Station and Media Access Control Connectivity Discovery	12/31/2026	NO
802.1AC	2016	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks -- Media Access Control (MAC) Service Definition	12/31/2026	NO
802.1BA-2011/Cor 1	2016	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks-- Audio Video Bridging (AVB) Systems-- Corrigendum 1: Technical and Editorial Corrections	12/31/2026	NO
802.1Qbu	2016	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks -- Bridges and Bridged Networks -- Amendment 26: Frame Preemption	12/31/2026	NO
802.1Qbz	2016	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks--Bridges and Bridged Networks--Amendment 27: Enhancements to Bridging of IEEE 802.11 Media	12/31/2026	NO
802.3bn	2016	C/LM/WG802.3	IEEE Standard for Ethernet Amendment 6: Physical Layer Specifications and Management Parameters for Ethernet Passive Optical Networks Protocol over Coax	12/31/2026	NO
802.3bp	2016	C/LM/WG802.3	IEEE Standard for Ethernet Amendment 4: Physical Layer Specifications and Management Parameters for 1 Gb/s Operation over a Single Twisted-Pair Copper Cable	12/31/2026	NO

802.3bq	2016	C/LM/WG802.3	IEEE Standard for Ethernet Amendment 3: Physical Layer and Management Parameters for 25 Gb/s and 40 Gb/s Operation, Types 25GBASE-T and 40GBASE-T	12/31/2026	
802.3br	2016	C/LM/WG802.3	IEEE Standard for Ethernet Amendment 5: Specification and Management Parameters for Interspersing Express Traffic	12/31/2026	NO
802.3bu	2016	C/LM/WG802.3	IEEE Standard for Ethernet-- Amendment 8: Physical Layer and Management Parameters for Power over Data Lines (PoDL) of Single Balanced Twisted-Pair Ethernet	12/31/2026	NO
802.3by	2016	C/LM/WG802.3	IEEE Standard for Ethernet - Amendment 2: Media Access Control Parameters, Physical Layers, and Management Parameters for 25 Gb/s Operation	12/31/2026	NO
802.3bz	2016	C/LM/WG802.3	IEEE Standard for Ethernet Amendment 7: Media Access Control Parameters, Physical Layers, and Management Parameters for 2.5 Gb/s and 5 Gb/s Operation, Types 2.5GBASE-T and 5GBASE-T	12/31/2026	NO
802.16	2017	C/LM/WG802.16	IEEE Approved Draft Standard for Air Interface for Broadband Wireless Access Systems	12/31/2027	NO
802.21	2017	C/LM/WG802.21	IEEE Standard for Local and metropolitan area networks--Part 21: Media Independent Services Framework	12/31/2027	NO
802.15.10	2017	C/LM/WG802.15	IEEE Recommended Practice for Routing Packets in IEEE 802.15.4 Dynamically Changing Wireless Networks	12/31/2027	NO

802.15.3d	2017	C/LM/WG802.15	IEEE Standard for High Data Rate Wireless Multi-Media Networks Amendment 2: 100 Gb/s Wireless Switched Point-to-Point Physical Layer	12/31/2027	
802.15.3e	2017	C/LM/WG802.15	IEEE Standard for High Data Rate Wireless Multi-Media Networks-- Amendment 1: High-Rate Close Proximity Point-to-Point Communications	12/31/2027	NO
802.15.3f	2017	C/LM/WG802.15	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	12/31/2027	NO
802.15.4t	2017	C/LM/WG802.15	IEEE Standard for Low-Rate Wireless Networks--Amendment 4: Higher Rate (2 Mb/s) Physical (PHY) Layer	12/31/2027	NO
802.15.4v	2017	C/LM/WG802.15	IEEE Standard for Low-Rate Wireless Networks - Amendment 5: Enabling/Updating the Use of Regional Sub-GHz Bands	12/31/2027	NO
802.15.8	2017	C/LM/WG802.15	IEEE Approved Draft Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Peer Aware Communications (PAC)	12/31/2027	NO

802.19.1a	2017	C/LM/WG802.19	IEEE Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific requirements--Part 19: TV White Space Coexistence Methods - Amendment 1: Coexistence Methods for Geo-location Capable Devices Operating under General Authorization	12/31/2027	
802.1AEcg	2017	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks--Media Access Control (MAC) Security - Amendment 3: Ethernet Data Encryption devices	12/31/2027	NO
802.1AX-2014/Cor 1	2017	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks-- Link Aggregation--Corrigendum 1:Technical and editorial corrections	12/31/2027	NO
802.1CB	2017	C/LM/WG802.1	IEEE Draft Standard for Local and metropolitan area networks -- Frame Replication and Elimination for Reliability	12/31/2027	NO
802.1Qch	2017	C/LM/WG802.1	IEEE Standard for Local and metropolitan area networks--Bridges and Bridged Networks--Amendment 29: Cyclic Queuing and Forwarding	12/31/2027	NO
802.1Qci	2017	C/LM/WG802.1	IEEE Approved Draft Standard for Local and Metropolitan Area Networks -- Bridges and Bridged Networks Amendment: Per-Stream Filtering and Policing	12/31/2027	NO
802.21.1	2017	C/LM/WG802.21	IEEE Standard for Local and metropolitan area networks--Part 21.1: Media Independent Services	12/31/2027	NO

802.21-2017/Cor 1	2017	C/LM/WG802.21	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	12/31/2027	
802.3-2015/Cor 1	2017	C/LM/WG802.3	IEEE Standard for Ethernet - Corrigendum 1: Multi-lane Timestamping	12/31/2027	NO
802.3bs	2017	C/LM/WG802.3	IEEE Standard for Ethernet Amendment 10: Media Access Control Parameters, Physical Layers, and Management Parameters for 200 Gb/s and 400 Gb/s Operation	12/31/2027	NO
802.3bv	2017	C/LM/WG802.3	IEEE Standard for Ethernet Amendment 9: Physical Layer Specifications and Management Parameters for 1000 Mb/s Operation Over Plastic Optical Fiber	12/31/2027	NO
802.3cc	2017	C/LM/WG802.3	IEEE Standard for Ethernet - Amendment 11: Physical Layer and Management Parameters for Serial 25 Gb/s Ethernet Operation Over Single-Mode Fiber	12/31/2027	NO
802c	2017	C/LM/WG802.1	IEEE Standard for Local and Metropolitan Area Networks:Overview and Architecture--Amendment 2: Local Medium Access Control (MAC) Address Usage	12/31/2027	NO
802d	2017	C/LM/WG802.1	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	12/31/2027	NO

802.22a

2014

C/LM/WG802.22

IEEE Standard for Information  
Technology--Telecommunications and  
information exchange between  
systems Wireless Regional Area  
Networks (WRAN)--Specific  
requirements - Part 22: Cognitive  
Wireless RAN Medium Access Control  
(MAC) and Physical Layer (PHY)  
Specifications: Policies and Procedures  
for

NO