

IEEE standardsonline

Your Direct Connection to IEEE Standards

Subscription Portfolio Features & Benefits Pricing & Licensing How to Order Help

IEEE-SA Links

Thursday, 19 June 2003

[Home](#) » [Local and Metropolitan Area Networks \(LAN/MAN\)](#) » [Archives](#)

ACCOUNT MAINTENANCE

- Register
- Log-in
- Renewal
- Change Password

SEARCH

- Search Subscriptions
- Standards Numerical Listing (Subscribers Only)
- Standards Status

ONLINE HELP

- Online Tutorial
- FAQs

Register for **FREE** Newsletters

standards|asia™
Today!
Sign up now - it's fast and free!

standards|europe™
Today!
Sign up now - it's fast and free!

HugeDomains.com
Shop for Over 350,000 Premium Domains

Local and Metropolitan Area Networks + Drafts (LAN/MAN 802s) Standards Subscription

This is a continuously updated collection of IEEE 802 approved standards, and IEEE unapproved 802 draft standards. This subscription has the following:

- Approved Standards
- Unapproved Drafts.
- Archived Standards

Please note that all drafts may not be available, nor all the latest versions available.

Prices

[Pricing and Licensing](#)

LAN/MAN (802) Standards including Drafts

Overview & Architecture

[IEEE 802-2001](#), IEEE Standard for Local and Metropolitan Area Networks: Overview and Architecture

LAN/MAN Bridging & Management (802.1)

[IEEE 802.1F-1993](#), IEEE Standard for Local and Metropolitan Area Networks: Common Definitions and Procedures for IEEE 802 Management Information

[IEEE 802.1H, 1997 Edition \(R2001\) \(ISO/IEC TR11802-5:1997\)](#), IEEE Technical Report and Guidelines--Part 5: Media Access Control (MAC) Bridging of Ethernet V2.0 in Local Area Networks

[IEEE 802.1B, 1995 Edition \(ISO/IEC 15802-2:1995\)](#), IEEE Standard for Information technology--Telecommunications and information exchange between systems--IEEE standard for local and metropolitan area networks--Common specifications--Part 2: LAN/MAN Management

[IEEE 802.1D, 1998 Edition \(ISO/IEC 15802-3:1998\)](#), IEEE Standard for Information technology--Telecommunications and information exchange between systems--IEEE standard for local and metropolitan area networks--Common specifications--Media access control (MAC) Bridges

[IEEE 802.1t-2001](#), Amendment to IEEE Std 802.1D, 1998 Edition IEEE Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Common specifications--Part 3: Media Access Control (MAC) Bridges: Technical and Editorial Corrections

[IEEE 802.1w-2001](#), IEEE Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Common specifications Part 3: Media Access Control (MAC) Bridges--Amendment 2--Rapid Reconfiguration [*Amendment to IEEE Std 802.1D, 1998 Edition (ISO/IEC 15802-3:1998) and IEEE Std 802.1t-2001*]

[IEEE 802.1E, 1994 Edition \(ISO/IEC 15802-4-1994\)](#), IEEE Standard for Information technology--Telecommunications and information exchange between systems--IEEE standard for local and metropolitan area networks--Common specifications--Part 4: System Load Protocol

[IEEE 802.1G, 1998 Edition \(ISO/IEC 15802-5:1998\)](#), Information technology--Telecommunications and information exchange between systems--IEEE standard for local and metropolitan area networks--Common specifications--Part 5: Remote Media Access Control (MAC) bridging

[IEEE 802.1Q, 2003 Edition](#), IEEE Standards for Local and metropolitan area networks—Virtual Bridged Local Area Networks

[IEEE 802.1X-2001](#) IEEE Standards for Local and Metropolitan Area Networks: Port-Based Network Access Control

Logical Link Control (802.2)

[IEEE 802.2-1998](#), (ISO/IEC 8802-2:1998) IEEE Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific requirements--Part 2: Logical Link Control

CSMA/CD Access Method (802.3)

[IEEE 802.3-2002](#) IEEE Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific requirements--Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications

For faster download

[IEEE 802.3-2002 -- Section One](#)

[IEEE 802.3-2002 -- Section Two](#)

[IEEE 802.3-2002 -- Section Three](#)

[IEEE 802.3af-2003](#) (Includes IEEE 802.3ae) IEEE Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific requirements--Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications--Amendment Data Terminal Equipment (DTE) Power via Media Dependent Interface (MDI) **NEW**

[IEEE P802.3aj/D3.0](#) Unapproved Draft IEEE Amendment to IEEE 802.3-2002: Maintenance #7

[IEEE P802.3ak/D4](#) Unapproved Draft IEEE Amendment to IEEE 802.3-2002: Physical Layer and Management Parameters for 10Gb/s Operation, Type 10GBASE-CX4 -- Changes to IEEE Std 802.3-2002 as Amended by IEEE Std 802.3ae-2002

Conformance Test Methodology for IEEE 802.3

[IEEE 1802.3-2001](#) IEEE Conformance Test Methodology for IEEE Standards for Local and Metropolitan Area Networks-Specific Requirements-Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications (Includes 1802.3d)

Token Ring Access Method (802.5)

[IEEE 802.5, 1998 Edition](#) (ISO/IEC 8802-5:1998) IEEE Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific requirements--Part 5: Token Ring Access Method and Physical Layer Specification

[IEEE 802.5r and IEEE 802.5j, 1998 Edition \(ISO/IEC 8802-5:1998/Amd.1\)](#), IEEE Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific Requirements--Part 5

Token ring access method and physical layer specifications--Amendment 1: Dedicated Token Ring Operation and Fibre Optic Media

IEEE 802.5t-2000, IEEE Standard for Information technology-Telecommunications and information exchange between systems-Local and metropolitan area networks-Specific requirements-Amendment to Part 5: Token Access Method and Physical Layer Specifications

IEEE Std 802.5v-2001, IEEE Standard for Information technology---Telecommunications and information exchange between systems---Local and metropolitan area networks---Specific requirements---Part 5: Token Ring access method and Physical Layer specifications---Amendment 5: Gigabit Token Ring operation

IEEE Std 802.5w-2000 (Corrigendum to IEEE Std 802-5:1998 including (ISO/IEC 8802-5:1998/Amd.1:1998) Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Part 5: Token ring access method and physical layer specifications--Corrigendum

LAN/MAN Security (802.10)

IEEE 802.10-1998, IEEE Standard for Local and Metropolitan Area Networks: Interoperable LAN/MAN Security (SILS)

IEEE 802.10a-1999, Supplement to 802.10-1998, Standard for Interoperable LAN/MAN Security (SILS) - Security Architecture Framework

IEEE 802.10c-1998, Supplement to 802.10-1998, Key management (Clause 3)

Wireless LANs (802.11)

IEEE Std 802.11, 1999 Edition (R2003) (ISO/IEC 8802-11: 1999) IEEE Standard for Information Technology - Telecommunications and Information Exchange between Systems - Local and Metropolitan Area Network - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications

Download the following:

[*Management Information Base \(MIB\) text file.*](#)

State Diagram Language source files:

[*SDT, including readme file*](#)

[*Station*](#)

[*AP*](#)

[*MACMIB*](#)

IEEE 802.11a-1999 (R2003) (**ISO/IEC 8802-11:1999/Amd 1:2000(E)**), 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: High-speed Physical Layer in the 5 GHz band ([An errata is available](#)).

IEEE 802.11b-1999 (R2003) Supplement to 802.11-1999, Wireless LAN MAC and PHY specifications: Higher speed Physical Layer (PHY) extension in the 2.4 GHz band

802.11b-1999/Cor1-2001, (R2003) 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: Higher-speed Physical Layer (PHY) extension in the 2.4 GHz band—Corrigendum 1

IEEE 802.11d-2001, (R2003) Amendment to IEEE 802.11-1999, (ISO/IEC 8802-11) 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: Specification for Operation in Additional Regulatory Domains

IEEE P802.11F/D6 Approved Draft Recommended Practice for Multi-Vendor Access Point Interoperability via an Inter-Access Point Protocol Across Distribution Systems

Supporting IEEE 802.11 Operation

IEEE 802.11g/D8.2 Approved Draft Supplement to Standard for Telecommunications and Information Exchange Between Systems—LAN/MAN Specific Requirements—Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Further Higher-Speed Physical Layer Extension in the 2.4 GHz Band **NEW**

IEEE P802.11i/D3.0 Unapproved Draft Supplement to Standard for Telecommunications and Information Exchange Between Systems—LAN/MAN Specific Requirements—Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Specification for Enhanced Security

Demand Priority Access Method (802.12)

IEEE 802.12, 1998 Edition (ISO/IEC 8802-12:1998), IEEE Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area network - Specific requirements - Part 12: Demand-priority access method, physical layer and repeater specifications for 100 Mb/s Operation ([An errata is available](#))

Wireless Personal Area Networks

IEEE 802.15.1(TM)-2002, IEEE Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific requirements Part 15.1: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Wireless Personal Area Networks (WPANs(TM))

For faster download

[IEEE 802.15.1\(TM\)-2002_section one](#)

[IEEE 802.15.1\(TM\)-2002_section two](#)

[IEEE 802.15.1\(TM\)-2002_section three](#)

IEEE P802.15.3/D17, Approved Draft Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks--Specific requirements Part 15.3: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for High Rate Wireless Personal Area Networks (WPAN)

IEEE P802.15.4/D18, Unapproved Draft Standard for Information technology--Telecommunications and information exchange between systems--Local and metropolitan area networks-- Specific requirements Part 15.4: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Low Rate Wireless Personal Area Networks (LR-WPANs)

Broadband Wireless Metropolitan Area Networks

IEEE 802.16-2001, IEEE Standard for Local and Metropolitan Area Networks--Part 16: Air Interface for Fixed Broadband Wireless Access Systems

IEEE 802.16a-2003 IEEE Standard for Local and metropolitan area networks Part 16: Air Interface for Fixed Broadband Wireless Access Systems--Amendment 2: Medium Access Control Modifications and Additional Physical Layer Specifications for 2-11 GHz

IEEE 802.16c-2002 IEEE Standard for Local and metropolitan area networks Part 16: Air Interface for Fixed Broadband Wireless Access Systems--Amendment 1: Detailed System Profiles for 10-66 GHz

IEEE Std 802.16.2-2001 IEEE Recommended Practice for Local and metropolitan area networks -- Coexistence of Fixed Broadband Wireless Access Systems ([An Interpretation is available](#))

IEEE P802.16.2a/D4, Unapproved Draft Amendment to IEEE Recommended Practice for Local and metropolitan area networks -- Coexistence of Fixed Broadband Wireless Access Systems

Conformance Test Methodology for IEEE 802.16

[IEEE P1802.16.1/D2](#) Approved Draft Standard for Conformance to IEEE Standard 802.16 -- Part 1: Protocol Implementation Conformance Statement (PICS) Proforma for 10-66 GHz WirelessMAN-SC™ Air Interface

[IEEE P1802.16.2/D1](#) Unapproved Draft Standard for Conformance to IEEE Standard 802.16 -- Part 2: Test Suite Structure and Test Purposes for 10-66 GHz WirelessMan--SC(tm) Air Interface

[ARCHIVED STANDARDS:](#) Click here for withdrawn or superseded standards.

[Back to IEEE Standards Online Main page.](#)



(Modified 2003 - June 17)

[Copyright](#) | [Terms & Conditions](#) | [Privacy & Security](#) | [Contact Us](#) | [Top](#)