



# IEEE 802.3

## State of the Standard

### 13<sup>th</sup> July 2009, San Francisco CA

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# IEEE 802.3 Working Group Standards Status July 13th, 2009

SA = Subscriber Access Networks  
BPE = Backplane Ethernet

## IEEE approved

**IEEE  
Std 802.3ax-2008/  
802.1AX  
(Link Aggregation)  
Published 3-Nov-08**

**IEEE 802.3  
Policy and  
Procedures  
Approved  
Nov-97**

IEEE Std 802.3-2008 5 Books (Sections) Published 26-Dec-08				
Section 1 Clause 1 to 20 Annex A to H, 4A	Section 2 Clause 21 to 33 Annex 22A to 33E	Section 3 Clause 34 to 43 Annex 36A to 43C	Section 4 Clause 44 to 55 Annex 44A to 55B	Section 5 Clause 56 to 74 Annex 58A to 74A
CSMA/CD Overview MAC PLS/AUI 10BASE5 MAU 10BASE2 MAU 10BROAD36 MAU 10BASE-T MAU 10BASE-F MAUs 10Mb/s Repeater 10Mb/s Topology	100Mb/s Overview MII 100BASE-T2 100BASE-T4 100BASE-TX 100BASE-FX 100Mb/s Repeater 100Mb/s Topology  MAC Control Auto Negotiation Management  DTE Power	1000Mb/s Overview GMII 1000BASE-X AutoNeg 1000BASE-SX 1000BASE-LX 1000BASE-CX 1000BASE-T 1000Mb/s Repeater 1000Mb/s Topology	10Gb/s Overview MDC/MDIO XGMII XAUI XSBI 10GBASE-SR 10GBASE-LR 10GBASE-ER 10GBASE-SW 10GBASE-LW 10GBASE-EW 10GBASE-LX4 10GBASE-CX4 10GBASE-T	SA Overview OAM MPMC 100BASE-LX10 100BASE-BX10 1000BASE-LX10 1000BASE-BX10 1000BASE-PX10 1000BASE-PX20 10PASS-TS 2BASE-TL SA Topology BPE Overview 10GBASE-LRM 1000BASE-KX 10GBASE-KX4 10GBASE-KR BPE AutpNeg 10GBASE-R FEC Maintenance 8
Maintenance 6 - 8	Maintenance 6 - 8 802.3-2005/Cor 1	Maintenance 6 - 8	Maintenance 7 - 8 802.3-2005/Cor 2	

**802.3  
WG  
in  
process**

**.3at  
DTE Power  
Enhancements  
Sponsor Ballot**  
(M. McCormack)

**.3av  
10Gb/s  
EPON  
Completed  
Sponsor Ballot**  
(G. Kramer)

**.3az  
Energy-efficient  
Ethernet  
WG Preview**  
(M. Bennett)

**.3ba  
40Gb/s and  
100Gb/s  
Ethernet  
WG Ballot**  
(J. D'Ambrosia)

**.3bb  
802.3-2008/  
Cor 1  
WG Ballot**  
(W. Diab)

**.3bc  
802.3  
LLDP  
Sponsor Ballot**  
(W. Diab)

**.3.1 (.3be)  
Ethernet  
MIB  
Task Force**  
(H. Frazier)

**Ethernet  
Support for  
.1AS Time  
Sync  
Study Group**  
(S. Carlson)

**802.3 WG  
new  
work items**