



# IEEE 802.3 State of the Standard 14<sup>th</sup> March 2011, Singapore

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# IEEE 802.3 Working Group Standards Status March 14th, 2011

SA = Subscriber Access Networks  
BPE = Backplane Ethernet

## IEEE approved

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

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

**IEEE**  
**Std 802.3av-2009**  
**(10Gb/s EPON)**  
Published 30-Oct-09

**IEEE**  
**Std 802.3bc-2009**  
**(LLDP)**  
Published 28-Sep-09

**IEEE Std**  
**802.3ba-2010**  
40Gb/s and 100Gb/s Ethernet  
Published 22-Jun-10

**IEEE**  
**Std 802.3at-2009**  
(DTE Power Enhancements)  
Published 30-Oct-09

**IEEE Std**  
**802.3az-2010**  
(Energy Efficient Ethernet)  
Published 27-Oct-10

**IEEE Std**  
**802.3-2008/Cor 1-2009**  
(Corrigendum Project 802.3bb)  
Published 1-Feb-10

## 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**

**.3.1 (.3be)**  
**Ethernet**  
**MIB**  
**SA Ballot**  
(H. Frazier)

**Ethernet**  
**Support for**  
**.1AS Time**  
**Sync**  
**SA Ballot**  
(S. Carlson)

**40G SMF**  
**Submitted to**  
**RevCom**  
(M. Nowell)

**.3 Revision**  
**(.3bh)**  
**PAR Approved**  
(W Diab)

**100G Cu & BP**  
**SG**  
(J. D'Ambrosia)

**802.3 WG**  
**new**  
**work items**