



# IEEE 802.3

## State of the Standard

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# IEEE 802.3 Working Group Standards Status March 18th, 2010

SA = Subscriber Access Networks  
BPE = Backplane Ethernet

## IEEE approved

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

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

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

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

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

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

## IEEE Std 802.3-2008 5 Books (Sections) Published 26-Dec-08

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

**802.3 WG in process**

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

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

**.3.1 (.3be) Ethernet MIB WG Preview**  
(H. Frazier)

**Ethernet Support for .1AS Time Sync Task Force**  
(S. Carlson)

**40G SMF Study Group**  
(M. Nowell)

**802.3 WG new work items**