



IEEE 802.3

State of the Standard

15th July 2013,

Geneva, Switzerland

Wael William Diab
Vice-Chair, IEEE 802.3 Working Group
wdiab@broadcom.com

IEEE 802.3 Working Group Standards Status July 15th, 2013

IEEE Std 802.3-2012: Published December 28th 2012. IEEE Std 802.3.1-2013: Approved June 14th 2013

IEEE approved

IEEE Std 802.3.1-2013
(Ethernet MIB)
Approved 14-Jun-13

IEEE 802.3 OM
Approved Nov-97

SA = Subscriber Access Networks
BPE = Backplane Ethernet

IEEE Std 802.3-2012

6 Books (Sections) Published 28-Dec-12

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 77 Annex 57A to 76A	Section 6 Clause 78 to 90 Annex 83A to 86A
CSMA/CD Overview MAC PLS/AUI 10BASE5 MAU 10BASE2 MAU 10BROAD36 MAU 10BASE-T MAU 10BASE-F MAUs 10Mb/s Repeater 10Mb/s Topology 10BASE-Te 1BASE5 DTE & MAU Mgmt Repeater Mgmt Maintenance 6 - 10	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 Maintenance 6-10 802.3-2005/Cor 1	1000Mb/s Overview GMII 1000BASE-X AutoNeg 1000BASE-SX 1000BASE-LX 1000BASE-CX 1000BASE-T 1000Mb/s Repeater 1000Mb/s Topology Maintenance 6 - 10	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 Maintenance 7-10 802.3-2005/Cor 2	SA Overview OAM MPMC 100BASE-LX10 100BASE-BX10 1000BASE-LX10 1000BASE-BX10 1000BASE-PX10 1000BASE-PX20 10GBASE-PR 10/1GBASE-PRX 10PASS-TS 2BASE-TL SA Topology BPE Overview 10GBASE-LRM 1000BASE-KX 10GBASE-KX4 10GBASE-KR BPE AutoNeg 10GBASE-R FEC Maintenance 8-10	EEE LLDP TLVs 40/100G Overview 40GBASE-KR4 40GBASE-CR4 40GBASE-SR4 40GBASE-FR 40GBASE-LR4 100GBASE-CR10 100GBASE-SR10 100GBASE-LR4 100GBASE-ER4 Maintenance 10

802.3
WG
in
process

.3bj
100G Cu & BP
WG Recirc
(A. Healey)

.3bk
Extended
EPON
SA Recirc
(M. Hajduczenia)

.3bm
40G & 100G
Optics TF
(D. Dove)

.3bn
EPoC TF
(M. Laubach)

.3bp
RTPGE
TF
(S. Carlson)

.3bq
40GBASE-T
TF
(D. Chalupsky)

DMLT
SG - PAR
(L. Winkel)

4PPoE
SG
(C. Jones)

400G
SG
(J. D'Ambrosia)

802.3 WG
new
work items