

IEEE 802.3 Working Group Standards Status July 24, 2016

* Dates are approved/published

IEEE approved

SA = Subscriber Access Networks
BPE = Backplane Ethernet

IEEE Std 802.3-2015 6 Books (Sections) 03-Sep-15/04-Mar-16*

**IEEE Std 802.3.1-2013
(Ethernet MIB)**
14-Jun-13/02-Aug-13*

Section 1
Clause 1 to 20
Annex A to H, 4A

**IEEE Std 802.3bw-2015
(100BASE-T1)**
26-Oct-15/08-Mar-16*

CSMA/CD Overview
MAC
PLS/AUI
10BASE5 MAU
10BASE2 MAU
10BROAD36 MAU
10BASE-T MAU
10BASE-F MAUs
10 Mb/s Repeater
10 Mb/s Topology

Section 2
Clause 21 to 33
Annex 22A to 33E

100 Mb/s Overview
MII
100BASE-T2
100BASE-T4
100BASE-TX
100BASE-FX
100Mb/s Repeater
100Mb/s Topology

Section 3
Clause 34 to 43
Annex 36A to 43C

1000 Mb/s Overview
GMII
1000BASE-X AN
1000BASE-SX
1000BASE-LX
1000BASE-CX
1000BASE-T
1000 Mb/s Repeater
1000 Mb/s Topology

Section 4
Clause 44 to 55
Annex 44A to 55B

10 Gb/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

Section 5
Clause 56 to 77
Annex 57A to 76A

SA Overview
OAM
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100BASE-LX10
100BASE-BX10
1000BASE-LX10
1000BASE-BX10
1000BASE-PX10
1000BASE-PX20
10GBASE-PR
10/1GBASE-PRX
10PASS-TS
2BASE-TL
SA Topology
10GBASE-LRM
BPE Overview
1000BASE-KX
10GBASE-KX4
10GBASE-KR
BPE AN
BASE-R FEC
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Section 6
Clause 78 to 95
Annex 83A to 93C

EEE
LLDP TLVs
Time Sync
RS-FEC
40/100G Overview
40GBASE-KR4
40GBASE-CR4
40GBASE-SR4
40GBASE-FR
40GBASE-LR4
100GBASE-CR10
100GBASE-SR10
100GBASE-KR4
100GBASE-KP4
100GBASE-CR4
100GBASE-SR4
100GBASE-LR4
100GBASE-ER4

**IEEE Std 802.3bq-2016
(25/40GBASE-T)**
30-Jun-16/??-??-??*

10GBASE-Te

MAC Control
Auto-Negotiation (AN)
Management

**IEEE Std 802.3bp-2016
(1000BASE-T1)**
30-Jun-16/??-??-??*

1BASE5
DTE & MAU Mgmt
Repeater Mgmt

DTE Power

**IEEE Std 802.3br-2016
(IET)**
30-Jun-16/??-??-??*

Maintenance 6 – 10

Maintenance 6 – 10
802.3-2005/Cor 1

Maintenance 6 – 10

Maintenance 7 – 10
802.3-2005/Cor 2

Maintenance 10

802.3 WG in progress

**P802.3bn
EPoC**
(Laubach)
SB recirc

**P802.3bs
200/400G**
(D'Ambrosia)
WG preview

**P802.3bt
4PPoE**
(Jones)
WG preview

**P802.3bu
1PPoDL**
(Dove)
Initial SB

**P802.3bv
GEPOF**
(Grow)
WG recirc

**P802.3bz
2.5/5GBASE-T**
(Chalupsky)
SB recirc

**P802.3ca
NGEPON**
(Knittle)

**P802.3cb
C4HDD**
(Smith)
WG preview

**P802.3cc
25GSMF**
(Lewis)
TF review

**P802.3cd
50/100/200G**
(Nowell)

P802.3/Cor 1
(Healey)
WG preview

802.3 WG new work items