

IEEE802.3 Clause Revision History

Clause	Description	IEEE Std 802.3-2002	IEEE Std 802.3ae-2002	10Gb/s Ethernet			
				IEEE P802.3af DTE Power via MDI	IEEE P802.3ah Ethernet in the First Mile	IEEE P802.3aj Maintenance #7	IEEE P802.3ak 10GBASE-CX4
These drafts are currently under development within 802.3, contents are subject to change.							
Clause 1	Introduction	B	U	U	U	U	
Clause 2	Media Access Control (MAC) service specification	B	U				
Clause 3	MAC frame structure	B				U	
Clause 4	Media Access Control	B	U		U	U	
Clause 5	Layer Management	B				U	
Clause 6	Physical Signalling (PLS) service specifications	B	U				
Clause 7	Physical Signalling (PLS) and Attachment Unit Interface (AUI)	B				U	
Clause 8	10BASE5	B				U	
Clause 9	Repeater unit for 10 Mb/s baseband networks	B				U	
Clause 10	10BASE2	B				U	
Clause 11	10BROAD36	B				U	
Clause 12	1BASE5	B				U	
Clause 13	System considerations for multi-segment 10Mb/s networks	B				U	
Clause 14	10BASE-T	B		U		U	
Clause 15	Common elements of MAUs and star, Type 10BASE-F	B				U	
Clause 16	10BASE-FP	B				U	
Clause 17	10BASE-FB	B					
Clause 18	10BASE-FL	B					
Clause 19	Layer Management for 10 Mb/s baseband repeaters	D				U	
Clause 20	Layer Management for 10 Mb/s baseband MAUs	D					
Clause 21	Introduction to 100BASE-T	B					
Clause 22	Reconciliation sublayer and Media Independent Interface	B	U	U	U		
Clause 23	100BASE-T4	B				U	
Clause 24	100BASE-X PCS and PMA	B			U		
Clause 25	100BASE-TX	B		U			
Clause 26	100BASE-FX	B				U	
Clause 27	Repeater for 100Mb/s baseband networks	B				U	
Clause 28	10Mb/s and 100Mb/s Auto-Negotiation on twisted pair	B				U	
Clause 29	Systems considerations for 100BASE-T networks	B				U	
Clause 30	10Mb/s, 100Mb/s and 100Mb/s management	B	U	U	U		U
Clause 31	MAC Control	B	U			U	
Clause 32	100BASE-T2	B				U	
Clause 33	Data Terminal Equipment (DTE) Power via Media Dependent Interface (MDI)			B			
Clause 34	Introduction to 1000 Mb/s baseband networks	B					
Clause 35	Reconciliation Sublayer and Gigabit Media Independent Interface (GMII)	B	U			U	
Clause 36	1000BASE-X PCS and PMA	B			U	U	
Clause 37	Auto-Negotiation for 1000BASE-X	B					
Clause 38	1000BASE-SX and 1000BASE-LX	B				U	
Clause 39	1000BASE-CX	B					
Clause 40	1000BASE-T	B		U		U	
Clause 41	Repeater for 1000 Mb/s baseband networks	B					

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				IEEE P802.3af DTE Power via MDI	IEEE P802.3ah Ethernet in the First Mile	IEEE P802.3ej Maintenance #7	IEEE P802.3ak 10GBASE-CX4
Clause 42	System considerations for 1000 Mb/s networks	B				U	
Clause 43	Link Aggregation	B				U	
Clause 44	Introduction to 10Gb/s baseband network		B				U
Clause 45	Management Data Input/Output (MDIO) Interface		B		U	U	U
Clause 46	Reconciliation Sublayer (RS) and 10 Gigabit Media Independent Interface (XGMII)		B		U		
Clause 47	XGMII Extender Sublayer (XGXS) and 10 Gigabit Attachment Unit Interface (XAU)		B			U	
Clause 48	Physical Coding Sublayer (PCS) and Physical Medium Attachment (PMA) sublayer, type 10GBASE-X		B				U
Clause 49	Physical Coding Sublayer (PCS) sublayer for 64B/66B, type 10GBASE-R		B			U	
Clause 50	WAN Interface Sublayer (WIS), type 10GBASE-W		B				
Clause 51	Physical Medium Attachment (PMA) sublayer, type Serial		B				
Clause 52	Physical Medium Dependent (PMD) sublayer and baseband medium, type 10GBASE-S (Short Wavelength Serial), 10GBASE-L (Long Wavelength Serial), and 10GBASE-E (Extra Long Wavelength Serial)		B				
Clause 53	Physical Medium Dependent (PMD) sublayer and baseband medium for WWDM PHY, type 10GBASE-LX4 and 10GBASE-LW4		B				
Clause 54	Physical Medium Dependent (PMD) sublayer and baseband medium, type 10GBASE-CX4						B
Clause 55	Reserved for Future use						
Clause 56	Introduction to Ethernet for Subscriber Access Networks					B	
Clause 57	Operations, Administration and Maintenance (OAM)					B	
Clause 58	Physical Medium Dependent (PMD) sublayer and medium, type 1000BASE-PX10 and 1000BASE-PX20 (long wavelength passive optical networks)					B	
Clause 59	Physical Medium Dependent (PMD) sublayer and medium, type 1000BASE-LX10 (Long Wavelength) and 1000BASE-BX10 (BiDirectional Long Wavelength)					B	
Clause 60	Physical Medium Dependent (PMD) sublayer and medium, type 100BASE-LX10 (Long Wavelength) and 100BASE-BX10 (BiDirectional Long Wavelength)					B	
Clause 61	Physical Coding Sublayer (PCS) and common specifications, type 10PASS-TS and type 2BASE-TL					B	
Clause 62	Physical Medium Attachment (PMA) and Physical Medium Dependent (PMD), type 10PASS-TS					B	
Clause 63	Physical Medium Attachment (PMA) and Physical Medium Dependent (PMD), type 2BASE-TL					B	
Clause 64	Multi-Point MAC Control					B	
Clause 65	Extensions of the Reconciliation Sublayer (RS) for Point to Point Emulation and extensions of					B	
Clause 66	System considerations for Ethernet subscriber access networks					B	

Key:

- B: The base version of the clause is provided in this publication
- D: The clause is now deprecated
- U: The clause is updated by this document