

30.5.1.1.2 aMAUType

Change this subclause as follows:

ATTRIBUTE

APPROPRIATE SYNTAX:

A GET-SET ENUMERATION that meets the requirements of the description below:

global	undefined
other	See
unknown	Initializing, true state or type not yet known
AUI	no internal MAU, view from AUI
10BASE5	Thick coax MAU as specified in Clause 8
FOIRL	FOIRL MAU as specified in 9.9
10BASE2	Thin coax MAU as specified in Clause 10
10BROAD36	Broadband DTE MAU as specified in Clause 11
10BASE-T	UTP MAU as specified in Clause 14, duplex mode unknown
10BASE-THD	UTP MAU as specified in Clause 14, half duplex mode
10BASE-TFD	UTP MAU as specified in Clause 14, full duplex mode
10BASE-FP	Passive fiber MAU as specified in Clause 16
10BASE-FB	Synchronous fiber MAU as specified in Clause 17
10BASE-FL	Asynchronous fiber MAU as specified in Clause 18, duplex mode unknown
10BASE-FLHD	Asynchronous fiber MAU as specified in Clause 18, half duplex mode
10BASE-FLFD	Asynchronous fiber MAU as specified in Clause 18, full duplex mode
100BASE-T4	Four-pair Category 3 UTP as specified in Clause 23
100BASE-TX	Two-pair Category 5 UTP as specified in Clause 25, duplex mode unknown
100BASE-TXHD	Two-pair Category 5 UTP as specified in Clause 25, half duplex mode
100BASE-TXFD	Two-pair Category 5 UTP as specified in Clause 25, full duplex mode
100BASE-FX	X fiber over PMD as specified in Clause 26, duplex mode unknown
100BASE-FXHD	X fiber over PMD as specified in Clause 26, half duplex mode
100BASE-FXFD	X fiber over PMD as specified in Clause 26, full duplex mode
100BASE-T2	Two-pair Category 3 UTP as specified in Clause 32, duplex mode unknown
100BASE-T2HD	Two-pair Category 3 UTP as specified in Clause 32, half duplex mode
100BASE-T2FD	Two-pair Category 3 UTP as specified in Clause 32, full duplex mode
1000BASE-X	X PCS/PMA as specified in Clause 36 over undefined PMD, duplex mode unknown
1000BASE-XHD	X PCS/PMA as specified in Clause 36 over undefined PMD, half duplex mode
1000BASE-XFD	X PCS/PMA as specified in Clause 36 over undefined PMD, full duplex mode
1000BASE-LX	X fiber over long-wavelength laser PMD as specified in Clause 38, duplex mode unknown
1000BASE-LXHD	X fiber over long-wavelength laser PMD as specified in Clause 38, half duplex mode
1000BASE-LXFDX	fiber over long-wavelength laser PMD as specified in Clause 38, full duplex mode
1000BASE-SX	X fiber over short-wavelength laser PMD as specified in Clause 38, duplex mode unknown
1000BASE-SXHD	X fiber over short-wavelength laser PMD as specified in Clause 38, half duplex mode
1000BASE-SXFD	X fiber over short-wavelength laser PMD as specified in Clause 38, full duplex mode
1000BASE-CX	X copper over 150-Ohm balanced cable PMD as specified in Clause 39, duplex mode unknown
1000BASE-CXHDX	copper over 150-Ohm balanced cable PMD as specified in Clause 39, half duplex mode

1	1000BASE-CXFD	X copper over 150-Ohm balanced cable PMD as specified in Clause 39, full
2		duplex mode
3	1000BASE-T	Four-pair Category 5 UTP PHY to be specified in Clause 40, duplex mode
4		unknown
5	1000BASE-THD	Four-pair Category 5 UTP PHY to be specified in Clause 40, half duplex mode
6	1000BASE-TFD	Four-pair Category 5 UTP PHY to be specified in Clause 40, full duplex mode
7	10GBASE-X	X PCS/PMA as specified in Clause 48 over undefined PMD
8	10GBASE-LX4	X fibre over 4 lane 1310nm optics as specified in Clause 53
9	<u>10GBASE-CX4</u>	<u>X copper over 8 pair 100-Ohm balanced cable as specified in Clause 54</u>
10	10GBASE-R	R PCS/PMA as specified in Clause 49 over undefined PMD
11	10GBASE-ER	R fibre over 1550nm optics as specified in Clause 52
12	10GBASE-LR	R fibre over 1310nm optics as specified in Clause 52
13	10GBASE-SR	R fibre over 850nm optics as specified in Clause 52
14	10GBASE-W	W PCS/PMA as specified in Clauses 49 and 50 over undefined PMD
15	10GBASE-EW	W fibre over 1550nm optics as specified in Clause 52
16	10GBASE-LW	W fibre over 1310nm optics as specified in Clause 52
17	10GBASE-SW	W fibre over 850nm optics as specified in Clause 52
18	802.9a	Integrated services MAU as specified in IEEE Std 802.9 ISLAN-16T

19	TypeValue ::= ENUMERATED {	
20	global	(0), --undefined
21	other	(1), --undefined
22	unknown	(2), --initializing, true state not yet known
23	AUI	(7), --no internal MAU, view from AUI
24	10BASE5	(8), --Thick coax MAU as specified in Clause 8
25	FOIRL	(9), --FOIRL MAU as specified in 9.9
26	10BASE2	(10), --Thin coax MAU as specified in Clause 10
27	10BROAD36	(11), --Broadband DTE MAU as specified in Clause 11
28	10BASE-T	(14), --UTP MAU as specified in Clause 14, duplex mode
29		unknown
30	10BASE-THD	(141), --UTP MAU as specified in Clause 14, half duplex mode
31	10BASE-TFD	(142), --UTP MAU as specified in Clause 14, full duplex mode
32	10BASE-FP	(16), --Passive fiber MAU as specified in Clause 16
33	10BASE-FB	(17), --Synchronous fiber MAU as specified in Clause 17
34	10BASE-FL	(18), --Asynchronous fiber MAU as specified in Clause 18, duplex
35		mode unknown
36	10BASE-FLHD	(181), --Asynchronous fiber MAU as specified in Clause 18, half
37		duplex mode
38	10BASE-FLFD	(182), --Asynchronous fiber MAU as specified in Clause 18, full
39		duplex mode
40	100BASE-T4	(23), --Four-pair Category 3 UTP as specified in Clause 23
41	100BASE-TX	(25), --Two-pair Category 5 UTP as specified in Clause 25, duplex
42		mode unknown
43	100BASE-TXHD	(251), --Two-pair Category 5 UTP as specified in Clause 25, half
44		duplex mode
45	100BASE-TXFD	(252), --Two-pair Category 5 UTP as specified in Clause 25, full
46		duplex mode
47	100BASE-FX	(26), --X fiber over PMD as specified in Clause 26, duplex mode
48		unknown
49	100BASE-FXHD	(261), --X fiber over PMD as specified in Clause 26, half duplex mode
50	100BASE-FXFD	(262), --X fiber over PMD as specified in Clause 26, full duplex mode
51	100BASE-T2	(32), --Two-pair Category 3 UTP as specified in Clause 32, duplex
52		mode unknown
53	100BASE-T2HD	(321), --Two-pair Category 3 UTP as specified in Clause 32, half
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1			duplex mode
2	100BASE-T2FD	(322),	--Two-pair Category 3 UTP as specified in Clause 32, full
3			duplex mode
4	1000BASE-X	(36),	--X PCS/PMA as specified in Clause 36 over unknown PMD,
5			duplex mode unknown
6	1000BASE-XHD	(361),	--X PCS/PMA as specified in Clause 36 over unknown PMD,
7			half duplex mode
8	1000BASE-XFD	(362),	--X PCS/PMA as specified in Clause 36 over unknown PMD,
9			full duplex mode
10	1000BASE-LX	(381),	--X fiber over long-wavelength laser PMD as specified in
11			Clause 38, duplex mode unknown
12	1000BASE-LXHD	(382),	--X fiber over long-wavelength laser PMD as specified in
13			Clause 38, half duplex mode
14	1000BASE-LXFD	(383),	--X fiber over long-wavelength laser PMD as specified in
15			Clause 38, full duplex mode
16	1000BASE-SX	(384),	--X fiber over short-wavelength laser PMD as specified in
17			Clause 38, duplex mode unknown
18	1000BASE-SXHD	(385),	--X fiber over short-wavelength laser PMD as specified in
19			Clause 38, half duplex mode
20	1000BASE-SXFD	(386),	--X fiber over short-wavelength laser PMD as specified in
21			Clause 38, full duplex mode
22	1000BASE-CX	(39),	--X copper over 150-Ohm balanced cable PMD as specified in
23			Clause 39, duplex mode unknown
24	1000BASE-CXHD	(391),	--X copper over 150-Ohm balanced cable PMD as specified in
25			Clause 39, half duplex mode
26	1000BASE-CXFD	(392),	--X copper over 150-Ohm balanced cable PMD as specified in
27			Clause 39, full duplex mode
28	1000BASE-T	(40),	--Four-pair Category 5 UTP PHY as specified in Clause 40,
29			duplex mode unknown
30	1000BASE-THD	(401),	--Four-pair Category 5 UTP PHY as specified in Clause 40,
31			half duplex mode
32	1000BASE-TFD	(402),	--Four-pair Category 5 UTP PHY as specified in Clause 40,
33			full duplex mode
34	10GBASE-X	(48)	--X PCS/PMA as specified in Clause 48 over undefined PMD
35	10GBASE-LX4	(481)	--X fibre over WWDM optics as specified in Clause 53
36	<u>10GBASE-CX4</u>	<u>(482)</u>	<u>--X copper over 8 pair 100-Ohm balanced cable as specified in</u>
37			<u>Clause 54</u>
38	10GBASE-R	(49)	--R PCS/PMA as specified in Clause 49 over undefined PMD
39	10GBASE-ER	(491)	--R fibre over 1550nm optics as specified in Clause 52
40	10GBASE-LR	(492)	--R fibre over 1310nm optics as specified in Clause 52
41	10GBASE-SR	(493)	--R fibre over 850nm optics as specified in Clause 52
42	10GBASE-W	(50)	--W PCS/PMA as specified in Clauses 49 and 50 over
43			undefined PMD
44	10GBASE-EW	(501)	--W fibre over 1550nm optics as specified in Clause 52
45	10GBASE-LW	(502)	--W fibre over 1310nm optics as specified in Clause 52
46	10GBASE-SW	(503)	--W fibre over 850nm optics as specified in Clause 52
47	802.9a	(99)	--Integrated services MAU as specified in IEEE Std 802.9
48			ISLAN-16T
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