ISO/IEC/IEEE 8802-1Q AMD 2:2018-01 (E)

Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 1Q: Bridges and bridged networks - Amendment 2: Application virtual local area network (VLAN) type, length, value (TLV)

Contents

2. Normative references 2

5. Conformance 3

38. Data Center Bridging eXchange protocol (DCBX) 4

38.1 Overview 4

Annex A (normative) PICS proforma—Bridge implementations 5

A.35 Data Center Bridging eXchange protocol (DCBX) 5

Annex B (normative) PICS proforma—End station implementations 6

B.14 Data Center Bridging eXchange protocol (DCBX) 6

Annex D (normative) IEEE 802.1 Organizationally Specific TLV 7

D.1 Requirements of the IEEE 802.1 Organizationally Specific TLV sets 7
D.2 Organizationally Specific TLV definitions 8
D.4 PICS proforma for IEEE 802.1 Organizationally Specific TLV extensions 12
D.5 IEEE 802.1/LLDP extension MIB 12

List of figures

Figure D-12—Application Priority TLV format 8
Figure D-15—Application VLAN TLV format 9

List of tables

Table D-1— IEEE 802.1 Organizationally Specific TLVs specified in this standard 7
Table D-8—Application Priority Table Entry format 8
Table D-9—Sel field values 9
Table D-12—Application VLAN Table Entry format 10
Table D-13—Sel field values 11
Table D-14—IEEE 802.1 extension MIB object group conformance requirements 12
Table D-15—IEEE 802.1/LLDP extension MIB object cross reference 12