

# ISO/IEC/IEEE 8802-1Q AMD 3:2017-07 (E)

## Enhancements for scheduled traffic

---

<b>Contents</b>	<b>Page</b>
2. Normative references .....	14
3. Definitions .....	15
4. Abbreviations .....	16
5. Conformance .....	17
5.4 VLAN Bridge component requirements .....	17
5.13 MAC Bridge component requirements .....	17
5.24 EVB station requirements .....	17
5.25 End station requirements—enhancements for scheduled traffic .....	17
6. Support of the MAC Service .....	18
6.5 Quality of service (QoS) maintenance .....	18
8. Principles of bridge operation .....	19
8.6 The Forwarding Process .....	19
12. Bridge management .....	30
12.29 Managed objects for scheduled traffic .....	30
17. Management Information Base (MIB) .....	33
17.2 Structure of the MIB .....	33
17.3 Relationship to other MIBs .....	34
17.4 Security considerations .....	35
17.7 MIB modules .....	36
Annex A (normative) PICS proforma—Bridge implementations .....	49
Annex B (normative) PICS proforma—End station implementations .....	51
Annex Q (informative) Traffic scheduling .....	52
<b>Figures</b>	
Figure 8-12—Transmission selection with gates .....	20
Figure 8-13—Scheduled traffic state machines—overview and relationships .....	22
Figure 8-14—Cycle Timer state machine .....	23
Figure 8-15—List Execute state machine .....	24
Figure 8-16—List Config state machine .....	25
Figure Q-1—Establishing a guard band .....	53
Figure Q-2—Using gate operations .....	54
<b>Tables</b>	
Table 8-6—Gate operations .....	21
Table 12-28—The Gate Parameter Table .....	30
Table 17-28—IEEE8021-ST-MIB Structure and relationship to this standard .....	33