

# 802.1Q-Rev Bridges and Bridged Networks Editor's report

John Messenger, January 2017

v03

# Ballotting



- PAR granted September 2016
  - Initial draft 1.0 November 2016
  - Draft 1.1 December 2016 (Working group ballot)
- 802.1AC-Rev Draft 1.1 issued December 2016
  - Initial WG ballot
  - Comment resolution performed at January 2017 interim meeting

# D1.1 Initial WG ballot results



- 59 Voters – of which 36 have responded (61%)
  - 28 Approve 90%
  - 3 Disapprove 10%
  - 5 Abstain ?%
- Ballot
  - got enough responses (61% > 50%)
  - passed (94% > 75%)

# Commenting statistics



- 49 Comments
  - 1 TR
  - 5 T
  - 3 ER
  - 40 E
  - 0 G/GR

# Main ballot comment items



- ST-MIB changes made in Qbv-2015 after the Qbv/D3.1
- Incorporation of agreed maintenance items
- Cross reference corrections.
- Dated/undated reference updates.
- Bibliography entries
- Minor typos
- Editorial corrections
- Minor errors detected in incorporated 802.1Qbu-2016

# Plan



- Perform comment resolution at this meeting.
- Prepare a new draft for WG recirculation ballot
- Comment resolution at the March plenary meeting
- Further follow the plan in <http://www.ieee802.org/1/files/public/docs2017/q-messenger-revision-plan-0117-v1.pdf>

# Backup slides





# Thank You

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# MIB comparisons 1



The screenshot shows a Notepad++ window with two files open for comparison: 'Qbv-D3\_1-ST\_MIB.txt' and 'Qbu-D3\_1-ST\_MIB.txt'. The left pane shows the 'Qbv-D3\_1-ST\_MIB.txt' file, and the right pane shows the 'Qbu-D3\_1-ST\_MIB.txt' file. Both files are MIB modules for IEEE 802.1Q Bridges. The left file is dated September 22, 2015, and the right file is dated September 25, 2015. The right file includes additional revisions and descriptions not present in the left file.

```
1 ieee8021STMib MODULE-IDENTITY
2 LAST-UPDATED "201509220000Z" -- September 22, 2015
3 ORGANIZATION "IEEE 802.1 Working Group"
4 CONTACT-INFO
5 " WG-URL: www.ieee802.org/1
6 WG-E-mail: stds-802-1-L@ieee.org
7 Contact: IEEE 802.1 Working Group Chair
8 Postal: C/O IEEE 802.1 Working Group
9 IEEE Standards Association
10 445 Hoes Lane
11 Piscataway
12 NJ 08854
13 USA
14 E-mail: stds-802-1-L@ieee.org"
15 DESCRIPTION
16 "The Bridge MIB module for managing devices that support
17 the Scheduled Traffic Enhancements
18 for 802.1Q Bridges.
19 Unless otherwise indicated, the references in this MIB
20 module are to IEEE Std 802.1Q-2014.
21 Copyright (C) IEEE (2014).
22 This version of this MIB module is part of IEEE802.1Q:
23 see the draft itself for full legal notices."
24 REVISION "201509220000Z" -- September 22, 2015
25 DESCRIPTION
26
27
28
29
30
31
32
33
34 "Initial version published as part of IEEE Std 802.1Qbv."
35
36 ::= { ieee802dot1mibs 30 }
37
38 -- Textual Conventions
```

Normal text file length: 22,065 lines: 621 Ln: 1 Col: 1 Sel: 0|0 Windows (CR LF) UTF-8

# MIB comparisons 2



```
295 ieee8021STAdminControlList OBJECT-TYPE
296 SYNTAX OCTET STRING
297 MAX-ACCESS read-write
298 STATUS current
299 DESCRIPTION
300 "The administrative value of the ControlList parameter for the Port.
301 The octet string value represents the contents of the control list as
302 an ordered list of entries, each encoded as a TLV, as follows.
303 The first octet of each TLV is interpreted as an
304 unsigned integer representing a gate operation name:
305 0: SetGateStates
306
307
308 1-255: Reserved for future gate operations
309
310 The second octet of the TLV is the length field,
```

```
341 ieee8021STOperControlList OBJECT-TYPE
342 SYNTAX OCTET STRING
343 MAX-ACCESS read-only
344 STATUS current
345 DESCRIPTION
346 "The operational value of the ListMax parameter for the Port.
347 The octet string value represents the contents of the control list as
348 an ordered list of TLVs, as follows.
349 The first octet of each TLV is interpreted as a gate operation name:
350 0: SetGateStates
351
352
353 1-255: Reserved for future gate operations
354
355 The second octet of the TLV is the length field,
356 interpreted as an unsigned integer,
```

# MIB comparisons 3



```
*C:\Users\cgunther\Desktop\Qbv-2015-ST_MIB.txt - Notepad++
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

Qbv-D3_1-ST_MIB.txt
139 DEFVAL { 0 }
140 ::= { ieee8021STMaxSDUEntry 2}
141 ieee8021TransmissionOverrun OBJECT-TYPE
142 SYNTAX Counter64
143 MAX-ACCESS read-only
144 STATUS current
145 DESCRIPTION
146 "A counter of transmission overrun events, where
147 a PDU is still being transmitted by a MAC at the
148 time when the transmission gate for the queue closed."
149 REFERENCE "8.6.8.4, 8.6.9.4, 12.29.1, 12.29.1.1.2"
150 DEFVAL { 0 }
151 ::= { ieee8021STMaxSDUEntry 2}
152 -- =====
153 -- The ieee8021STParameters subtree
154 -- This subtree defines the objects necessary for the management

Qbv-2015-ST_MIB.txt
139 DEFVAL { 0 }
140 ::= { ieee8021STMaxSDUEntry 2}
141 ieee8021TransmissionOverrun OBJECT-TYPE
142 SYNTAX Counter64
143 MAX-ACCESS read-only
144 STATUS current
145 DESCRIPTION
146 "A counter of transmission overrun events, where
147 a PDU is still being transmitted by a MAC at the
148 time when the transmission gate for the queue closed."
149 REFERENCE "8.6.8.4, 8.6.9.4, 12.29.1, 12.29.1.1.2"
150 DEFVAL { 0 }
151 ::= { ieee8021STMaxSDUEntry 3}
152 -- =====
153 -- The ieee8021STParameters subtree
154 -- This subtree defines the objects necessary for the management

Normal text file length:21,197 lines:611 Ln:161 Col:36 Sel:0|0 Windows (CR LF) UTF-8 INS
```