802.1CBdb/D0.1
Editor’s report for comments resolution

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July, 2019
• P802.1CBdb draft 0.1 includes updates reflecting the decisions taken during the maintenance session of the May 2019 Interim meeting:
  – item #226: clarification of Clauses 6.6 and 9.1.4 (Active Destination MAC and VLAN Stream identification function),
  – item #227: changes in Clauses 5 and 6 to make Source MAC and VLAN Stream identification function recommended,
    • PICS are also changed to reflect these changes: Source MAC & VLAN was not mentioned in the PICS so far
  – item #229: change in Clause 9.1.5 (IP Stream identification function) making the Destination MAC address an optional parameter;
• Annex E is added, that contains a first example of Mask-and-match stream identification function application
Ballot statistics

- 20 respondents
  - Approve: 5
  - Disapprove: 5
  - Abstain: 10

- 73 comments from 6 commenters
  - Editorial: 52
  - Technical: 21
  - Must be satisfied: 67
Comments not to be discussed 1

- Editorial

- 47, 49, 51, 53, 62, 63, 64, 71, 72, 73, 48, 50, 52, 57, 60, 67, 68, 69, 70
  - Actual cross-references to replace the editor’s text reminder to include a cross-ref
  - Accept
  - Thanks Craig!

- 8, 11, 12, 13, 14, 15, 16, 17, 19, 20, 45, 54, 56
  - Various typos
  - Accept
Comments not to be discussed 2

• Editorial

  – 2, 39
    • Keep (an empty) clause 2 with an editor’s note that says that Clause 2 will be filled out when new standards will be referred to (… Annex E will)
      • 39: accept, 2: reject.
  – 25
    • Remove duplicate Clause 6 header
      • Accept
  – 34
    • Document page numbering
      • Accept
Comments not to be discussed 3

• Editorial
  – 35
    • Missing reference to 802.1CB maintenance item 229
      • Accept
  – 41
    • Remove existing contents of Clause 4 (acronyms and abbreviations)
      • Accept
  – 4, 40, 42, 43, 44, 46, 55, 65
    • Unclear, incomplete, or misplaced editor’s instructions
      • Accept
  – 58, 59,
    • Harmonize references to other IEEE 802.1 standards throughout the text, including original CB-2017’s.
      • If a clause is referred to, then the standard version has to be appended to the title of the standard (ex. 802.1AC-2016)
      • Accept
Comments not to be discussed 4

Technical

- 1, 9, 38
  - No need to keep Clause 1 in CBdb as there is no need to change to the original 802.1CBdb-2017 Clause 1
  - Accept
• Editorial
  – 36
    • Additional sentence to introduce M&M parameters in Table E-1 (Annex E)
    • *Accept in principle, discuss*
  – 61
    • Change all references to 802.1Q-2014 clauses, in CB-2017, to 802.1Q-2018’s
    • *Accept in principle, discuss*
  – 66
    • Is showing revision marks against a document that did not go to ballot (D0.0) required?
    • *Discuss*
  – 3
    • Unclear editor’s instructions
    • *Discuss*
Comments to be discussed 2

• Technical
  – 5, 6, 7
    • Improve Clause 6.8’s M&M id function description text’s clarity
    • Discuss
  – 18
    • Add text to Clause 6.8 that says that M&M id can range from very simple schemes (e.g. a single bit field to be matched) to more complex schemes (using different sets of several bit fields matching different sets of values)"
    • Discuss
  – 21, 22, 23, 24
    • No mention of Source MAC and VLAN id function in the PICS (Annex A)
    • In complement of the 802.1CB maintenance item on Source MAC and VAN identification
    • Discuss
Comments to be discussed 3

• Technical
  – 28
     • Illustrative text in Clause 6.8 gives the impression that M&M iid function only applies to unicast streams
     • Discuss
  – 26, 27, 29, 30, 32
     • Format of the SMAC, DMAC, VLAN-ID masks: generic 0/1 pattern or only one series of consecutive 1s
     • Discuss
  – 10
     • Maximum value for the msdu bit field offsets ($tsnCpeMmIdMsduFieldOffsetN$)
     • Comment could be extended to:
       – the maximum number of bit fields in the msdu ($tsnCpeMmIdMsduFieldNb$)
       – The maximum length of a bit field ($tsnCpeMmIdMsduFieldLengthN$)
     • Discuss
• Technical

  – 31
    • M&M’s management objects description gives the impression that M&M only handles the outer VLAN tag
    • Discuss

  – 33
    • Add another example in Annex E on how MPLS labels can be handled by M&M id
    • Discuss

  – 37
    • Editor’s note does not reflect the decision taken by maintenance on making Dest MAC optional in IP Stream id function. Editor’s note should ask for contributors to propose a note that mentions applications where Dest MAC is needed.
    • Discuss
Thank you for your attention