

# 802.1CBdb/D1.2

## Editor's report for the 1st WG recirculation ballot comments resolution

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## 802.1CBdb Draft 1.2 summary

- P802.1CBdb draft 1.2 was prepared for 1<sup>st</sup> WG recirc ballot. Changes to D1.1 include:
  - 802.1CB's maintenance items: implementation of missing part of item #274 and correction of misinterpreted part of #257
  - Change of msdu mask maximum length value to 1984 bytes, reflected in MIB and YANG;
  - Correction of MIB syntax errors;
  - Highlighting of CBdb's MIB additions in CBcv's MIB revision
  - Various editorial corrections in the text, MIB and YANG module.
  - Annexes renumbering
  - Removal of most of the editor's notes

- 58 respondents (81.7% of voting members)
  - Approve: 36 (85.7%)
  - Disapprove: 6
  - Abstain: 14
  
- 32 comments from 6 commenters
  - TR: 7
  - T: 2
  - ER: 15

## Comments to be discussed

- Technical (TR)

- 1, 10: Changes in CBcv D1.1's YANG not integrated in CBdb D1.2's

- « Stream-identity-list » changed into « stream-identity »

- *Accept in principle*

- 32: Identification type container added to the stream id function container

- *Accept*

- 17: Prefix not required in RFC 7950 whereas required by YANG tool in the derived-from-or-self() XPath function's second parameter

- *Reject*

```

1  module: ieee802-dot1cb-mask-and-match
2  +--rw per-port-msdu-mask-max-length* [port-name]
3  +--rw port-name                       if:interface-ref
4  +--ro port-msdu-mask-max-length?      msdu-mask-length-type
5
6  augment /dot1cb-sid:stream-identity-list dot1cb-sid:parameters:
7  +--rw mask-and-match-stream-identification
8  +--rw destination-mac-mask?          uint48
9  +--rw destination-mac-match?        uint48
10 +--rw source-mac-mask?              uint48
11 +--rw source-mac-match?            uint48
12 +--rw msdu-mask-length?            msdu-mask-length-type
13 +--rw msdu-mask?                   msdu-key-type
14 +--rw msdu-match?                  msdu-key-type

```

CBdb D1.2

```

1  module: ieee802-dot1cb-mask-and-match
2  +--rw per-port-msdu-mask-max-length* [port-name]
3  +--rw port-name                       if:interface-ref
4  +--ro port-msdu-mask-max-length?      msdu-mask-length-type
5
6  augment /dot1cb-sid:stream-identity/dot1cb-sid:parameters:
7  +--rw mask-and-match-stream-identification
8  +--ro identification-type
9  | +--ro type-number?                uint64
10 | +--ro oui-cid?                    string
11 +--rw destination-mac-mask?          ieee802:mac-address
12 +--rw destination-mac-match?        ieee802:mac-address
13 +--rw source-mac-mask?              ieee802:mac-address
14 +--rw source-mac-match?            ieee802:mac-address
15 +--rw msdu-mask-length?            msdu-mask-length-type
16 +--rw msdu-mask?                   msdu-mask-match-hex-string
17 +--rw msdu-match?                  msdu-mask-match-hex-string

```

CBdb Dnext

```

18 augment "/dot1cb-sid:stream-identity-list/dot1cb-sid:parameters" {
19   when
20   'derived-from-or-self('+
21   ' /dot1cb-sid:stream-identity-list'+
22   ' /dot1cb-sid:identification-type, '+
23   ' mask-and-match-stream-identification'+
24   );

```

## Comments to be discussed

- Technical (TR) + editorial (ER): YANG

- 15: change MAC @ mask and match type to ieee mac-address

- Agreed to use hex format instead of 48-bit integer
- ieee format ambiguity to be removed as proposed in CBcv's and ABcu's comment resolution
  - *Accept in principle*

- 16: msdu mask and match nodes encoded as ieee-like hex-strings

- Move from ietf hex-string to ieee-like hex-represented octet string (AB-CD-01-DF)

- With  $2 \leq \text{length} \leq 1984$

- Need for case limitation ?

- *Accept in principle*

```
66     typedef msdu-mask-match-hex-string {
67         type string {
68             pattern '[0-9a-fA-F]{2}(-[0-9a-fA-F]{2}){1,1983}';
69         }
70         description
71             "Hex string representing a series of 2 to 1984 octets, each
72             separated by a '-' separator";
73     }
```

- 26: MAC address and msdu mask/match format used in Annex D (examples)

- Align on formats agreed on in comments # 15 and 16 resolutions

## Comments to be discussed

- Editorial (ER) + technical: CBcv sync
  - 30, 31: conformance clauses (5.8, 5.11) initially changed by CBdb are now also modified by CBcv
    - ***Accept in principle***
  - 8, 13, 14: New tables and changes to tables defined in CBcv ?
    - ...
  - 12: relationship to other YANG modules
    - Similar comment made against CBcv D1.1. Is CBcv's resolution (addition of a new clause) enough ?
- Editorial (E), (ER)
  - 4: list of keywords on page 1
    - ***Accept in principle***
  - 9, 11: missing editing instruction
    - ***Accept in principle***

- Editorial
  - Typos, conventions, cross-references, editor's instructions/notes, reference updates
    - 2, 3, 5, 6, 7, 18, 19, 20, 21, 22, 23, 24, 25, 27, 28, 29.
    - ***Accept, Accept in principle***

Thank you for your attention

