

802.1CB-2017/Rev

Draft 0.0, editor's draft overview

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- From the PAR (need for the project)
 - This revision project is needed to incorporate approved amendments and corrigenda, to incorporate technical and editorial corrections to existing functionality, to maintain consistency in the consolidated text.
- Amendments
 - IEEE 802.1CBcv-2021
 - Amendment to IEEE 802.1CB-2017
 - MIB and YANG additions
 - 1 maintenance items
 - IEEE 802.1CBdb-2021
 - Amendment to 802-1CB-2017, as amended by 802.1CBcv-2021
 - Addition of Mask-and-match Stream identification
 - 19 maintenance items
- Corrigendum
 - IEEE 802.1CB/Cor1
 - 4 maintenance items on amended 802.1CB-2017
- Further corrections
 - Maintenance item #343
 - Various clarifications to the original 802.1CB-2017 text
 - From comments against the 802.1CB-2017/Cor1 drafts

- Addition of MIBs
 - New Clause 11
 - Stream identification MIB
 - FRER MIB
- Addition of YANG modules
 - New Clause 12
 - Stream identification YANG
 - FRER YANG
- Other clauses impacted
 - 2 : normative references
 - 4 : acronyms and abbreviations
 - 5 : conformance
 - 7 : FRER -> correction
 - 10: FRER management -> correction
 - Annex A : PICS
 - Bibliography (New Annex E)

Changes incurred by 802.1CBcv are
magenta highlighted

- Addition of Mask-and-match Stream identification
 - New Clause 6.8
 - New sub-clauses in Clause 9 (Stream identification managed objects)
 - Additions to Clause 11: Mask-and-match MIB extension to the Stream identification MIB
 - Additions to Clause 12: Mask-and-match YANG augmentation of the Stream identification YANG
 - New Annex D : examples of of Mask-and-match Stream identification application
- Other clauses impacted
 - 3 : definitions -> corrections
 - 5 : conformance
 - 6 : Stream identification -> corrections
 - 7 : FRER -> corrections
 - 8 : FRER in Bridges -> corrections
 - 10: FRER management -> corrections
 - Annex A : PICS -> corrections
 - Annex C : FRER in systems -> corrections
 - Bibliography (new Annex E)

Changes incurred by 802.1CBcv are
violet highlighted

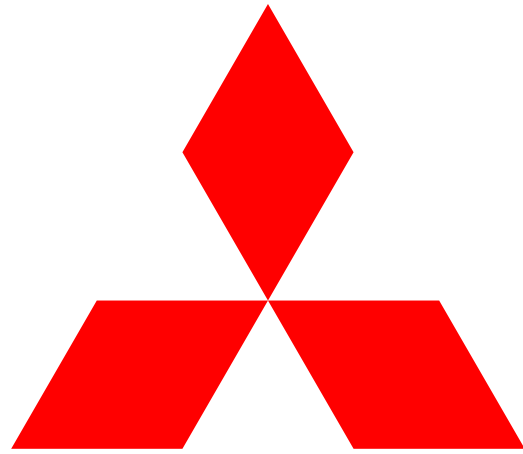
- Various corrections in :
 - Clause 6.2, Stream identification function -> *null Stream_handle definition*
 - Clause 6.7, IP Stream identification -> *where to find the IP info in a frame*
 - Clause 9.1.1.1, tsnStreamIdHandle -> *null Stream_handle definition*
 - Clause 12.1, YANG framework -> *URN format*
 - Clause 12.6.2.5, FRER YANG module -> *index in Stream split table*

Changes incurred by 802.1CB-2017/Cor1 are
pine green highlighted

- Handling of Stream_handle in Active Stream Identification and clarifications to the FRER “layered” model
 - Includes the implementation of the resolutions of the comments against Drafts 0.1 and 1.0 of 802.1CB-2017/Cor1
- Impacted clauses, FRER « layered » model
 - Clause 6.3, Stream identification in systems
 - Clause 8, Frame Replication and Elimination for Reliability in Bridges
 - Annex C, Frame Replication and Elimination for Reliability in systems
 - Corrections to figures
 - Harmonization of terminology
- Impacted clauses, Stream_handle handling
 - Clause 6.4, Null Stream identification
 - Clause 6.5, Source MAC and VLAN Stream identification
 - Clause 6.7, IP Stream identification
 - Clause 6.8, Mask-and-match Stream identification

Changes incurred by item #343 are
~~Red-striking~~/blue-underlined
marked

- Comment #5 against 802.1CB-2017/Cor1 Draft 1.0
 - « a FRER » vs. « an FRER » wording
 - « an FRER » mostly used except in a YANG module
- ... harmonization not yet implemented



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Changes for the Better