

802.1AX -- Link Aggregation:

Editor's Report: July 2017

Version 1

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Draft 0.1

- Draft generated for first Task Force ballot
 - Change bars relative to draft 0.0 (merge of 802.1AX-2014 and 802.1AX-2014-Cor1-2017)
 - Bulk of changes in Clause 6. Other clauses, in particular Clause 9 (DRNI), have very few updates as of yet.
- Significant changes to Clause 6:
 - Replace Mux state machine with proposal from <http://www.ieee802.org/1/files/public/docs2017/ax-rev-seaman-wait-to-restore-0117-v01.pdf>
 - Integrate the per-Aggregation Port portions of Conversation-sensitive Distribution and Collection (CSDC) into existing LACP state machines.
 - Modify CSDC Update Mask state machine to correct behavior when defaulted, specify behavior when management changes administrative variables, and (hopefully) clarify information flow.
 - Added informative text on how CSDC works (and a little on why you might want it).

Task Group Ballot results

- Ballot Results

- Approve: 4
- Disapprove: 4
- Abstain: 12

- Comments

- Commenters: 5
- Comments: 199
 - TR: 67 T: 34
 - ER: 24 E: 74

Comment Resolution

- Proposed dispositions in
 - <http://ieee802.org/1/files/private/ax-rev-drafts/d0/802-1AX-Rev-d0-1-pdis-v01.pdf>
- Large number of comments are “Propose Accept” or “Propose Accept in Principle” with minor variations on the suggested remedy.
 - Includes any comments not mentioned in subsequent slides.
 - These will be accepted as is unless someone specifically requests discussion of them.

Comments to Discuss

- Port Algorithms: 16
- TLV length: 133
- Bit order: 129
- Point-to-point support: 91, 92, 178
- Addressing: 97
- ISS MAC_Enable: 171, 191
- Digests: 77, 78
- Parameter names: 26, 27, 11, 161, 39
- Determinism: 189
- Mis-ordering: 145, 151
- Loopback: 184
- Individual: 185
- Conformance: 17, 18, 19
- Misc.: 20, 82

Mux/WTR comments

- Comments to be discussed
 - Transition with “|| (Wtr_timeout == 0)”?: 29, 192
 - NTT in DETACHED?: 9
 - Optional WTR?: 35, 38
 - Timer symmantics and names?: 29, 33, 30, 31
 - Detached when non-revertive?: 139, 177, 72
 - Coupled_control and COLLECTING?: 146

Backup Slides