

802.1AX-REV Long LACPDU State Machine

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Ver 01

802.1AX limits LACPDU to 128 bytes

- This is clearly insufficient, as we want to transmit a bit vector indicating the state of up to 4096 conversation IDs.
- An existing 802.1AX implementation can discard any LACPDU exceeding 128 bytes in length.
- Therefore, we need a method for expanding this length dynamically.

Version number is sufficient

- We will transmit Version number as 2.
- A version 2 implementation will always accept LACPDUs with MSDU \leq 1500 bytes (length/type encoded) or 1492 bytes (LLC encoded).
- A version 2 implementation will not transmit LACPDUs with MSDU \neq 112 bytes unless the last LACPDU received had a version of 2 or greater.

State machine

