802.1Qbp – ECMP
Editor's Report
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Summary of 2nd TG Ballot

Vote	Number of Voters	With Comments
Yes	4	1
No	8	8
Abstain: Time Expertise	6 16	
Comment only	1	1
Total	35	45 comments in all

Comment Resolution for D0.2 TG Ballot

- Classification of new features
- CFM model for ECMP
- Terminology and usage
- Details
- Mostly editorial or otherwise

Classification of new features

- Document structure [9]

- Port and Component Types [8]

- MAC service (6.3) and Filtering services (6.16) [1, 2, 6, 7, 30, 41]

CFM model for ECMP [34]

- MEP location in baggy pant leg
  - Place "Support for Flow Filtering" shim with 6.11 (or 6.9)
  - MEP/MIP locations are not changed, use default I-SID address
  - Use TESI mux (6.19) for path test MEPs
- How to use CCM for path testing
  - Vary Flow Hash with same MEP ID, selected by TESI mux
- Loopback symmetry
  - Option for new LBM PDU TLV carrying LBR Flow Hash
- Applicability of DDCFM
  - Available for detailed flow diagnostics
  - Does not replace any other CFM tools

Terminology and usage

- "Encode" [15]

- "Null" [14]

- Reserved fields [5]

- PCP and DEI in F-TAG [28]

Details

- TTL processing [4]
- Flow Hash Generation [32]
- Frame order preservation (8.6.6) [18]
- Loop mitigation [23]
- Load spreading (27.18) [10]
- Optional Bridge priority for shared tree root selection [27]
- Link metrics and symmetry [42]
- Per I-SID Tie-Break Mask option [43]

Mostly Editorial or Otherwise

- Potential future considerations [38]

- Clarity [3, 13, 16, 17, 22, 33, 37, 39]

- Editorial [11, 12,19, 20, 21, 24, 25, 26, 29, 31, 35, 36, 40]

- Work yet to be done [44, 45]

Untagged Operation

- Discussion on previous ballot suggested that what is needed is one untagged VLAN.

- Need text describing considerations and constraints for this case.

Open Questions

- Do we need an ECMP example in clause 27.18?
- TBD (depending on issue resolution and further study)
  - CN clauses (30-33)
  - SRP (35)