802.1Qbp – ECMP Editor's Report
May 2012

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Summary of 3rd TG Ballot

Vote	Number of Voters	With Comments
Yes	6	1
No	7	7
Abstain: Time	9	
Expertise	12	
Comment only	0	
Total	34	112 comments

Note: comment numbers 63-72 are not used due to the magic import tool (or the editor's ignorance of its ways).

Comment Resolution for D0.3 TG Ballot

- CFM model for ECMP
- Terminology and usage
- Details
- Mostly editorial or otherwise
- New features

CFM for ECMP

- CFM for SPBM [58]
- MAs [13, 18, 49]
- MEP types [11, 12, 104]
- MHFs [15, 16, 17]
- CFM addressing [46, 47, 48, 91, 92, 93, 94, 101, 107, 118]
- LBM MIP MAC address in management object [45]
- RDI [40]
- ECMP path CCM state machines [95, 96, 97, 98, 99]
- Path monitoring [105]
- LBM reverse flow hash [44]
- LBM multicast loop at single leaf MEP [84]

Terminology and usage

- Loop mitigation [51]

- ECMP VLAN [81]

- MEPs [82]

Details

- TTL processing [2, 7]
- Flow Hash Generation [3]
- F-TAG processing [8, 9, 10, 86]
- Configuration [20]
- Multicast load spreading [21]
- Use of Tie-Break Mask [34, 35, 36, 56, 61, 62, 121]
- Equal cost paths supported [50, 116, 117]
- Link metrics and symmetry [83]
- Selection process [88]
- Flow Filtering Control Table [112]
- Shared tree control bit [120]

Mostly Editorial or Otherwise

- Comments on 802.1aq [102, 108]

- Clarity [4, <got to here>5, 6, 14, 19, 22, 23, 24, 25, 27, 29, 31, 33, 37, 38, 41, 42, 52, 53, 60, 74, 75, 106]

- Editorial [1, 26, 28, 30, 39, 43, 54, 55, 57, 59, 73, 76, 77, 78, 79, 100, 103, 114, 115]

- Work yet to be done (or not done) [32, 80, 111, 113, 119, 122]

New Features, etc.

- Support for ECMP in existing bridges [85]
- Document structure [87]
- Port and Component Types [89, 90]
- MAC service and Filtering services [109, 110]

Untagged Operation

- Discussion has suggested that what is needed is one untagged VLAN.

- Need text describing considerations and constraints for this case?

Open Questions

- TBD (depending on contributions)
  - CN clauses (30-33)
  - SRP (35)