IEEE 802.1ah Update

Paul Bottorff, Editor 802.1ah
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P802.1ah –WG Ballot for September

We Are Here

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Legend
- 802 Plenary
- 802.1 Interim
- IEEE-SA Standards Board
D2.2 Ballot Summary

> Reviewed all comments at Beijing meeting
  • 29 Votes - 5 Yes, 14 No, 10 Abstain
  • 126 Comments - 22 TR, 32 T, 12 ER, 60 E
  • 86 Comments carried from D2.01 and D1.52 in Annex Z
    • 15 TR, 67 T, 3 ER, 1 E

> D2.4 resolves all comments except 17 carried in Annex Z
  • 6 unresolved comments
    • Multiprotocol I-TAG, Filtering Database Collisions, Transparent vs. all-to-one bundled S-tagged IF, MAC Address Translation
  • 3 resolved comments included in D2.4
    • I-Comp U-Turns, Frame types and interfaces, PBB ISS parameters (formats)
  • 6 comments on incomplete sections
    • Clause 17 (MIB), subclause 24.7 (MIB scaling (17.9?)), subclause 23.9 (access protection), subclause 13.38 (hierarchical spanning tree)
  • 2 rejected TRs
Plan For D3.0

> Editor’s to complete D3.0 by August 18 to allow WG ballot to open August 21 and close before September meeting

> D3.0 will include all resolved comments
  • Need to decide how to proceed with the 4 unresolved comments

> Section 12 and section 17 will be completed by David Levi, MIB editor for 802.1ap

> Sections 13.38 and 23.9.3 text completed based on François Tallet and Mick Seaman and Paul Bottorff contributions

> Section 23.9.2 text based on 802.3ah link aggregation
Notes on transparent/S-tagged issue

> Difference between transparent and all-to-one bundling S-tagged IF is not apparent in draft
  • Ether we eliminate the different categories or differentiate them
  • Difference between the two is handling of untagged (C-tagged or untagged) frames. S-tagged intended to traffic all S-tagged data frames while transparent intended to traffic untagged, C-tagged, and S-tagged frames.
  • Transparent is most transparent when it does not look at C-MAC address. This means transparent always sends delivers service frames to all BEBs participating in the service.