IEEE 802.1ah Update

Paul Bottorff, Editor 802.1ah
May 28, 2007
P802.1ah –WG Ballot for September

We Are Here

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D3.5 Ballot Summary

> D3.5 comments
  • 65 Voters – 11 Yes, 20 No, 34 Abstain
  • 369 Comments – 140 TR, 90 ER, 48 T, 91 E
  • 5 comments carried from D3.3 ballot
  • Have some late ballots which are not yet included in the database

> D3.3 comments at Monterey and Orlando
  • 55 Votes - 8 Yes, 20 No, 27 Abstain
  • 364 Comments
  • 0 carried comments
Big Ticket Item TR/ERs

> Architecture Topics
  • PIP/CBP stack architecture -6.10,6.11,6.15,26.8
    • Resolve stack differences between 26 and 6, decompose 6.11, add 8.5 shim in VIPs and PIPs
  • Address Translation -6.11,12.16.5
    • Remove it except for manipulation of multicast addresses
  • Default Backbone Destination -6.10,5.8.1
    • Details on where and how to resolve it
  • PCP and DEI operation -6.10,25,25.8
    • Allow for PCP encode and regeneration
  • Frame Format Details -6.1,9.5,9.8 CFM Diagrams -26.8
    • Separate TCI for B-TAG, NCA Bits, I-SID 0x0/0xffffffff, remove C-SA/C-DA from I-TAG when NCA=1

> Clause 17’s relationship to 802.1ap
  • Need to merge with 802.1ap
TR/ER Big Ticket Items

> L2GP state machine correction -13.37
  • Bug in the state fake machine

> Service Interface Variations
  • Service instance definition and handling -25
  • Use of “service instance” and format for clause 25
  • S-tagged frames on Port-based interface -25.3
  • Should S-tagged frames be include on a Port-based interface
  • Bundled Service Details -25.4
  • B-VID in CBP Service Instance Table -5.8.1,6.11,12.16.3,25,17.7

> MIB and Information Database Issues
  • Information database persistency -12.16
  • String sizes for all name strings -12.16,17.7
  • Description text -17.7
Big Ticket Items ER/TR

> Feature Additions
  • Reduced learning for Pt-Pt I-SIDs -8.8.11
  • Additional S-tagged Peer E-NNI -26.6.2
  • 802.1ad Compatibility -25.3,25.4,25.6

> Wording
  • Use of the work “connection” in connection_identifier
  • Connection_identifier and service_access_point_identifier use - 6.10,6.11,6.15,6.6