Topology/Protection Comment Resolution Summary

Jason Fan, Section Editor

(jason@luminous.com)

Jim Kao, Technical Editor

(jkao@cisco.com)

Clause 10

- 53 comments
  - 25 technical binding
  - 14 technical non-binding
  - 14 editorial

- Adhoc group resolution (technicals)
  - 22 accepted, accepted/mod, accepted/dup
  - 10 superceded
  - 2 deferred (2 technical binding)
  - 0 rejected
  - 4 punted to WG (4 technical binding)
  - 1 withdrawn

- Editorial license requested

Clause 11, Annex J

- 55 comments
  - 26 technical binding
  - 15 technical non-binding
  - 14 editorial

- Adhoc group resolution (technicals)
  - 29 accepted, accepted/mod, accepted/dup
  - 6 superceded
  - 1 deferred (0 technical binding)
  - 0 rejected
  - 4 punted to WG (3 technical binding)
  - 1 withdrawn

- Editorial license requested

Issues Covered: Highlights

- Clause 10 and Clause 11 to be combined into a unified clause
- PICS to be filled in
- Add subclauses to define variables that are required by the MIB
- Detection of passthrough mode using the protection message (683, to be pulled up)
- Add rules and cleaned up figures for topology database update
- Add state machine for topology database update after PAH revision and approval
- Data path editors need to ensure that Clause 6 follows rules for handling steered/wrapped data and protection/TLV control frames at edge spans and wrapped spans
- Divide conditions resulting in alarm into those based on static misconfiguration and those based on persistent topology inconsistency

Issues Covered: Highlights

- Insert topology inconsistency detection algorithm after PAH revision and approval

- Separate control types to be added for station TLV and vendor-specific TLV messages

- Modify station name TLV definition to correspond to RFC 1907 sysName object

- Use EUI-64 instead of EUI-48 in vendor-specific TLV

- Ignore unknown TLV types for backward compatibility

- Insert description of intended behavior of context containment after BAH/PAH revision and approval

- Expand configurable range of keepalive timeout to 2 ms to 50 ms, with default remaining at 3 ms

Issues Covered: Highlights

- Correct minor state diagram bugs
- Make simplifications of protection state machine that are approved by the PAH

Summary of Deferrals

- ## 758: Deferred to PAH

  – Determination of impact of context containment on protection state machine

- ## 21011: Deferred to PAH

  – Topology consistency checking as part of context containment

- ## 21017: Deferred to PAH

  – Interaction of duplicate MAC address detection and passthrough mode

Punts

- 7 punts to WG
  - 703 (TB), 711 (TB), 734 (TB), 739 (TB), 744 (TB), 757 (TB), 21066 (TB), 21087 (TB)

- Punted from OAM
  - 783 (TB)
    - Accepted/modified