Layer Independent OAM Management in the Multi-Layer Environment

LIME

IETF 95, TUESDAY, April 5, 2016 10:00-12:30

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Administrativia

- Mailing List: [https://www.ietf.org/mailman/listinfo/lime](https://www.ietf.org/mailman/listinfo/lime)
- Scribe: ?
- Jabber scribe: ?
- Blue sheets
Agenda

• Administrative – Chairs
  – https://datatracker.ietf.org/wg/lime/charter/

• Data Models:
  • draft-ietf-lime-yang-oam-model-03
    – “Generic YANG Data Model for Connection Oriented OAM protocols”
    – Michael Wang for Qin Wu
  • draft-kumar-lime-yang-connectionless-oam-01
    – “Generic YANG Data Model for Connection Less OAM protocols”
    – Deepak Kumar
Agenda

• Other Documents:

• Discussion - All

• Next Steps - Chairs
Charter

This work will enable consistent **configuration, reporting, and presentation for the OAM mechanisms used to manage the network**, regardless of the layers and technologies, including management mechanisms to facilitate better mapping between information reported from OAM mechanisms that operate in different network layers.

[...]

The working group will work on the following deliverables:

- **YANG data model(s)** for generic layer-independent and technology-independent configuration, reporting and presentation for OAM mechanisms.
LIME Document Update

** Document Status Since 2015-11-06 00:00:00

*** Updated WG-Docs
- draft-ietf-lime-yang-oam-model-03

*** New IDs
- draft-bhaprasud-lime-pm-00
- draft-kumar-lime-yang-connectionless-oam-01

*** Updated IDs
- draft-wang-lime-yang-pm-01
- draft-txh-lime-gap-analysis-01
- draft-zhuang-lime-yang-oam-model-applicability-02
- draft-lam-lime-summary-l0-l2-layer-independent-04
Applicability?

• Guidance on how to extend LIME’s YANG Models
• Success is when LIME is reused by other OAM’s models
• https://trac.tools.ietf.org/wg/lime/trac/wiki/lime-applicability
• Chairs will work on getting reviews from our customers:
  – SFC -> draft-xia-sfc-yang-oam
  – BFD -> draft-ietf-bfd-yang – draft-wang-yang-bfd-oam (?)
  – MPLS-TP -> draft-zhang-mpls-tp-yang-oam
  – TRILL -> draft-ietf-trill-yang-oam, draft-ietf-trill-yang-pm
  – TWAMP -> draft-ietf-ippm-twamp-yang
  – OOAM DT (?)
  – BIER, SPRING ?
Thank you!