A YANG Model for Network and VPN Service Performance Monitoring

draft-ietf-opsawg-yang-vpn-service-pm-03

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Network and VPN service PM Status Summary

- The WG LC of the draft just closed on March 14

- Open issue status
  - Resolved all the comments from mailing list
    - Thanks Adrian, Qiufang, Joe for their helpful comments
    - The major change is to address the suggestion to add inter-site VPN PMs, and the authors decide to add the "vpn-pm-type" option to accommodate two common VPN PM methods.
  - Addressed all tracked issues
    - [https://github.com/IETF-OPSAWG-WG/lxnm/issues/332](https://github.com/IETF-OPSAWG-WG/lxnm/issues/332)
“vpn-pm-type” choice definition

• Add a new “choice” to cover 2 VPN PM types:
  • Underlay VPN tunnel with tunnel type
  • Inter-vpn-access-interface (new), e.g. TWAMP for L3VPN service monitoring
  • Inter-vpn-access-interface VPN PM can cover PE-PE monitoring, no need to support both
Next Steps

• Request IESG publication, as all the issues have been addressed.
Backup

- **Approach:** Augments RFC8345 with the network and VPN PM statistics

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![Diagram](image-url)

1. **VPN service configuration**
2. **Existing OAM mechanism** (TWAMP, MPLS OAM, etc.)

**VPN PM Network Model**
- Based on the telemetry data on VPNs, tunnels, network links, etc.

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**Network Controller**

**Service Orchestration**

**Customer**

**Customer Service Models**

**Network Service Models**

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