



A YANG Data Model for Network Diagnosis by scheduling sequences of OAM tests

draft-contreras-opsawg-scheduling-oam-tests-03

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Recap

- OAM testing is an essential part of network operations and management
- However, scheduling tests can be challenging, especially in complex networks.
- This document proposes a way to simplify the scheduling process and improve the reliability of OAM testing.
- This work aims to reuse existing work like [RFC8531], [RFC8532] and, [RFC8533], which defined YANG models for OAM technologies.
- It defines both 'oam-unitary-test' and 'oam-test-sequence' YANG modules to manage the lifecycle of network diagnosis procedures.
- Draft already presented at IETF 118 and 120.

Changes from -02

- Improved description on use cases (troubleshooting, birth certificate, proactive supervision, performance-based path routing).
- Refinement of the YANG trees
- Refinement of the test state machines
- Appendix added to showcase usage examples
 - By now, description of “Create a TWAMP OAM test”

Conclusion and future work

- Draft stable and positive feedback received so far
- Request of additional reviews and comments
- Document ready for adoption as a base for automating OAM testing on demand