Multiprotocol Label Switching Transport Profile (MPLS-TP) MIB-based Management Overview
draft-ietf-mpls-tp-mib-management-overview-03

IETF 80

Prague, Czech Republic

Authors

- **Daniel King (Old Dog Consulting)**
- Venkatesan Mahalingam (Aricent)
- Adrian Farrel (Old Dog Consulting)
- Jeong-dong Ryoo (ETRI)
- Scott Mansfield (Ericsson)
- A S Kiran Koushik (Cisco Systems)
- Anirban Karmakar (Cisco Systems)
- Sam Aldrin (Huawei Technologies)

Purpose

- Informational Draft.
- Describe the SNMP-based MIB management architecture for MPLS-TP.
- Point out gaps in the existing MPLS MIBs.
- This document will NOT define the MIBs or the MIB objects.
  - The creation of new MIBs will be done in other documents.

Structure of the document

- Overview
  - Terminology, introduction to SNMP, review of MPLS-TP management functions.

- Describes the MIB-based management architecture for MPLS-TP.

- Indicates the interrelationships between different existing MIB modules for MPLS-TP.

- Provides a gap analysis for MPLS-TP.

- Documents which new MIB modules will be required for support of MPLS-TP.

Current Status

- ## Version 03 of the document.
  - Addressed review comments from various comments from the list.
  - Added Section 8 (New MIB Modules Required for MPLS-TP):
    - The purpose of each new MIB modules and how it relates to the other MIB modules.
    - Provides the MPLS OID tree structure and the position of different MPLS related MIB modules on the tree.

- ## Document sent to ITU-T for early review.

Next Steps

- Address comments from ITU-T early review.
- Stabilize document.
- Aim to request WG Last Call before IETF 81.
- Team members have begun work on associated documents:
    - MPLS-TP Abstract Management Model.
    - New MIB modules.

Thanks!

- Please review the document and submit comments via the list.

- Interested? Please visit our Wiki!

  – http://trac.tools.ietf.org/misc/mpls-tp-mib/wiki