MPLS-TP TE MIB

draft-ietf-mpls-tp-te-mib-00.txt

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Motivation

- The existing MPLS TE [RFC3812] and GMPLS MIBs [RFC4802] do not support the transport network requirements of NON-IP based management and static bidirectional tunnels.

MPLS TP extensions to TE MIB

- MPLS Tunnel Table in MPLS-TE-STB-MIB is used for MPLS TP tunnels as well
- MPLS Node Configuration Table is being added to map Global ID and Node ID combination and/or ICC identifier for Ingress and Egress LSR's
- A local number generated for the combination, will be used to index into MPLS Tunnel Table.
- MPLS Tunnel Table is augmented to support MPLS TP specific objects

Updates

- The MIB definitions of Textual Conventions, Identifiers and LSR extensions are retained in MPLS-TP TE MIB draft for easy maintenance.

  Comments are received for making the MPLS-TP TE MIB as read-only MIB

Additional MPLS TP MIBs We Are Working On

To support MPLS TP OAM requirements, more MIBS are being added and will appear after the IETF meeting:

- MPLS TP Protection Schemes (LPS, RPS and MPS) support using MIB
- MPLS Loss and Delay measurements using MIB

Next Steps

- Conclusion on read-only MIB
- Last Call will be requested

Thank You