RSVP-TE Signaling Procedure for End-to-End GMPLS Restoration and Resource Sharing

TEAS WG, IETF-92, Dallas, USA
draft-ietf-teas-gmpls-resource-sharing-proc-01.txt

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Overview

- Objective:
  - Information draft, no protocol extensions proposed
  - Clarify procedure for restoration LSP association
  - Discuss the usage of the SE flag and the affect of resource sharing on service in optical network
  - BCP summary of signaling procedures for reversion
- Scope is end-to-end GMPLS recovery

- Status: TEAS WG adoption in Nov, 2014

Use-cases

- Use-cases covered in this draft:
  - LSP Restoration:
    - 1+R
    - 1+1+R
    - Resource sharing during Restoration
  - LSP Reversion:
    - Make-Before-Break (MBB) Reversion
    - Make-While-Break (MWB) Reversion

Changes from IETF-91

- Removed redundant text in the overview section
- Added explanation text w.r.t. the relationship with RFC6689
- Removed tables for the resource sharing based LSP setup procedure
- Combined the scenarios for LSP setup for same and different Tunnel ID into one section
- Made editorial/cleanup changes

Next Steps

- No Open Issues at this moment;
- Collect review comments from the WG

Thank you