

# A YANG Data Model for Traffic Engineering Tunnels, Label Switched Paths and Interfaces

draft-ietf-teas-yang-te-33

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# History

- I-D contains following YANG modules
  - ietf-te.yang
  - ietf-te-device.yang
- I-D went through a WG LC on March 21, 2022
- Received review comments during WG LC
- Authors have addressed all comments and published rev -33
- Authors made updates (next slides)

# Comments received during WGLC

- I-D had a detailed review from Adrian Farrel and raised several comments ranging from nits, clarifying description of leafs, clarifying use of specific leafs, reorganizing of document sections, and others
  - All of Adrian's comments were addressed in the latest revision
- I-D was reviewed by Tom Petch and received several comments covering:
  - Single time used groupings
    - Some grouping are used by external modules so had to be kept
    - Other single time used groupings were removed and expanded
  - tree snippets not matching latest data model
    - addressed by updating
  - Difficulty in following tree section due to large tree
    - Generated the tree diagram with unexpanded groupings to facilitate understanding

# Updates since last revision

- Removed default 'false' for 'te' leaf to allow flexibility of different implements to set the default behavior
- Added 'active' leaf to indicate active primary and secondary candidate paths
- Added "ITU\_G.808.1" as reference to APS in the document
- Added way (using a leafrefs) to associate the forward and corresponding reverse secondary paths
- Clarified that the model allows the controller to manage TE LSPs residing on ingress LERs and optionally TE LSPs residing on other transit and egress LSR/LERs
- Added 'restoration-type' leaf to indicate type of restoration and te-types:lsp-restoration-restore-none to indicate no restoration is desired
- Added clarity text to how bidirectional and associated bidirectional TE LSPs can be provisioned
- Aligned to updates made in RFC8776-update
- Added 'source-node-id' and 'destination-node-id' of type URI as additional identifier leafs of the tunnel endpoints
- Added a preference leaf for the secondary-reverse-path and respective description on how it is used

# Next Steps

- The authors believe no more comments are outstanding in the latest revision and would request the document progress to publication

Thank You