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

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History

• I-D contains following YANG modules
  – ietf-te.yang
  – ietf-te-device.yang

• Authors have addressed all previous comments in rev -33
• Revision -33 updates were presented in IETF117
• The I-D is going through a WG LC as of October 16, 2023
Updates since last revision

• Removed defaults to allow flexibility of different implementation to set the default behavior
• Added ‘active’ leaf to indicate state of candidate path
• Added a leafref to associate the forward path with the corresponding reverse secondary paths
• Added a preference leaf for the secondary-reverse-path and respective description on how it is used
• Added a new ‘restoration-type’ te-types:lsp-restoration-restore-none to indicate no restoration is desired
• Added text to describe how bidirectional and associated bidirectional TE LSPs can be provisioned
• Added ‘source-node-id’ and ‘destination-node-id’ of type URI as additional identifiers of the tunnel endpoints
• 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
• Aligned to updates made in RFC8776-update
• Added reference to "ITU_G.808.1" in the document
Next Steps

• The authors encourage the WG to review the document and acknowledge on the list that it is ready for publication
Thank You