YANG Data Models for TE
<draft-ietf-teas-yang-te-types-01>
<draft-ietf-teas-yang-te-17>

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Summary of Changes

• Split of documents

• Document review and comments

• Next steps
TE types document

• Document `<draft-ietf-teas-yang-te>` restructure (from last IETF):
  – Split I-D: `<draft-ietf-teas-yang-te-types>` for TE types
  – Split I-D: `<draft-ietf-teas-yang-te-mpls>` for MPLS TE model

• I-D: `<draft-ietf-teas-yang-te-types>`
  – Undergone WGLC
  – Received review comments from
    • Matt Hartley
    • YANG Doctor Jan Lindblad
Review comments and resolution
YANG Doctor (Jan Lindblad):

• Clarify "ERO subobject index"
  – Ans: updated to explicit route object index and clarified its utility in document text

• Default values usage:
  – Ans: team avoided setting defaults unless strictly dictated in RFC/standard

• Use of “xxx-id” for elements that are not used as keys in a list, e.g. Node-id
  – Ans: those are IDs identify a specific node, link, or address in the network but in our applications we do not to use them as keys in lists

• Use of Upper/lower case
  – Ans: align with YANG recommendations

<draft-ietf-teas-yang-te-types>
Review comments and resolution
WG (Matt Harley):

- Missing 1-plus-1 LSP protection identity
  - Ans: will add separate identity for this

- Identity te-optimization-criterion covers only cost and delay:
  - Ans: 1) replace te-optimization-criterion with objective-function-type which defines several more options, 2) remove/retire te-optimization-criterion

- Normative reference to importing documents:
  - Ans: move out references for importing model documents or move to informative

- Uniqueness of te-topology-id
  - Ans: the topology ID is unique in the context of the provider

<draft-ietf-teas-yang-te-types>
TE tunnel document
<draft-ietf-teas-yang-te>

- Editorial and document restructuring changes
- Split I-D: <draft-ietf-teas-yang-te-mpls> to cover MPLS technology TE model
  - ietf-te-mpls.yang module moved out of draft <draft-ietf-teas-yang-te>
TE YANG Modules Document
Organization

draft-ietf-teas-yang-te

module

ietf-te.yang

module

ietf-te-device.yang

module

ietf-te-mpls.yang

module

ietf-te-types.yang

draft-ietf-teas-yang-te

module

ietf-te.yang

module

ietf-te-device.yang

module

ietf-te-mpls.yang

module

ietf-te-types.yang

draft-ietf-teas-yang-te-mpls

module

ietf-te-mpls.yang

module

ietf-te-types.yang
Next Steps

• I-D <draft-ietf-teas-yang-te-types>
  – Address all comments and progress to publication

• I-D <draft-ietf-teas-yang-te> will be ready for WGLC

• I-D <draft-ietf-teas-yang-te-mpls> will undergo a round of review and update before asking for LC
Thank You