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

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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

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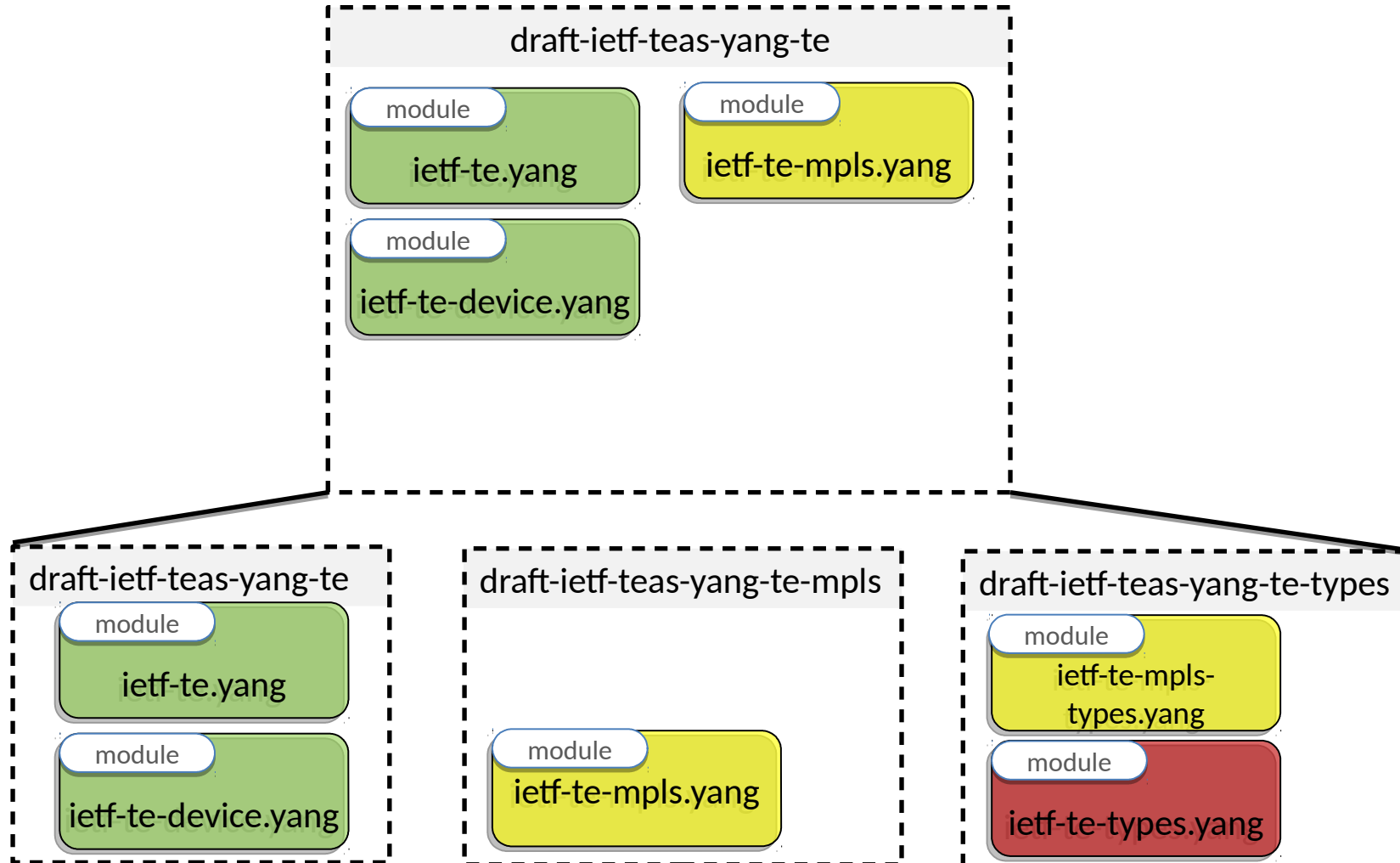 - Ans: the topology ID is unique in the context of the provider

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TE tunnel document
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- 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>

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TE YANG Modules Document Organization

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