Yang Data Model for Layer 3 TE Topologies

draft-ietf-teas-yang-l3-te-topo-05

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Status Update

- No change since IETF 105
- Resolving YANG doctor’s review comments
  - Editorial fixes have been completed.
  - Some discussions are on-going
    - Clarifying the relationship between L3 TE Topology and L3 Topology.
    - Have not received confirmations from YANG doctor.
One Question from CCAMP

- How to augment Ethernet and MPLS-TP models?
  - ietf-te-topology-packet should be the base for both?
Option 1:

- **Ethernet TE Topology**
  - ietf-eth-te-topology

- **MPLS-TP Topology**
  - ietf-te-mpls-tp-topo

- **TE Topology Packet Extension**
  - ietf-te-topology-packet
TE Packet and Others

- **Option 2:**
  - TE Topology
    - ietf-te-topology
  - TE Topology Packet Extension
    - ietf-te-topology-packet
  - Ethernet TE Topology
    - ietf-eth-te-topology
  - MPLS-TP Topology
    - ietf-te-mpls-tp-topo
Either Option Works

- Option 1 relies users to do multiple inheritance to get the packet extension.
- Option 2 enforces the packet extension.
Clarification

- Ietf-te-topology-packet is the extension applicable to both Ethernet and MPLS-TP, covering the encoding types of both Packet and Ethernet specified in RFC3471.
Potential Requirements from Network Slicing

- The TEAS Network Slicing Design Team is currently examining the requirements for the transport network.
- If there are any such requirements applicable to common packet network topology, we will examine them to check if any changes should be done in this model.
Next Steps

- Resolve YANG doctor's review comments.
- Welcome further reviews and suggestions.
- Working Group Last Call after completing above.
Yang Data Model for SR and SR TE Topologies

draft-ietf-teas-yang-sr-te-topo-06

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Changes Since Last Revision

▪ Alignments with latest dependencies
  • Worked with authors of draft-ietf-spring-sr-yang to move constraints in the common groupings from draft-ietf-teas-yang-sr-te-topo to draft-ietf-spring-sr-yang.

▪ Resolving YANG doctor’s review comments
  • Editorial fixes have been completed.
  • Replied to YANG doctor
    • Have not received further confirmations.
Next Steps

- Resolve YANG doctor's review comments.
- Welcome further reviews and suggestions.
- Keep sync with draft-ietf-spring-sr-yang whenever it changes.
- Working Group Last Call after completing above.