

Yang Data Model for Layer 3 TE Topologies

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

Xufeng Liu (Volta Networks)

Igor Bryskin

Vishnu Pavan Beeram (Juniper Networks)

Tarek Saad (Juniper Networks)

Himanshu Shah (Ciena)

Oscar Gonzalez De Dios (Telefonica)

Status Update

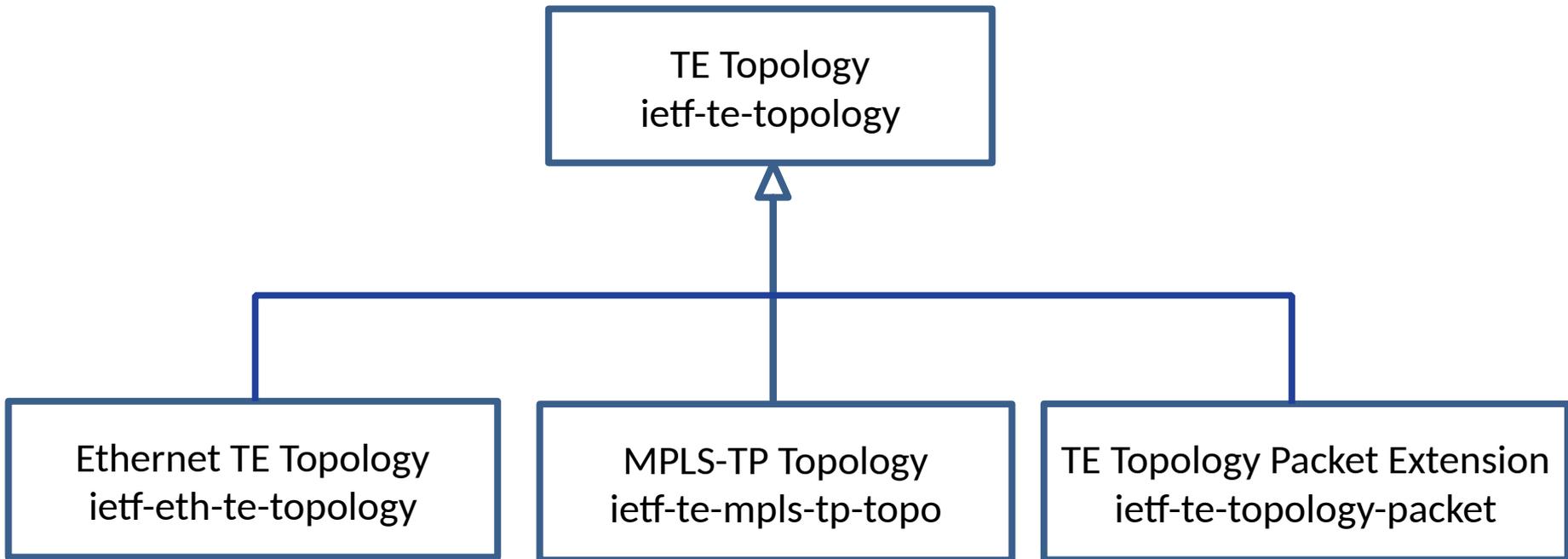
- No change since IETF 105
- Resolving YANG doctor's review comments
 - Editorial fixes have been completed.
 - Some discussions are on-going
 - Clarifying the relationship between L3 TE Topology and L3 Topology.
 - Have not received confirmations from YANG doctor.

One Question from CCAMP

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

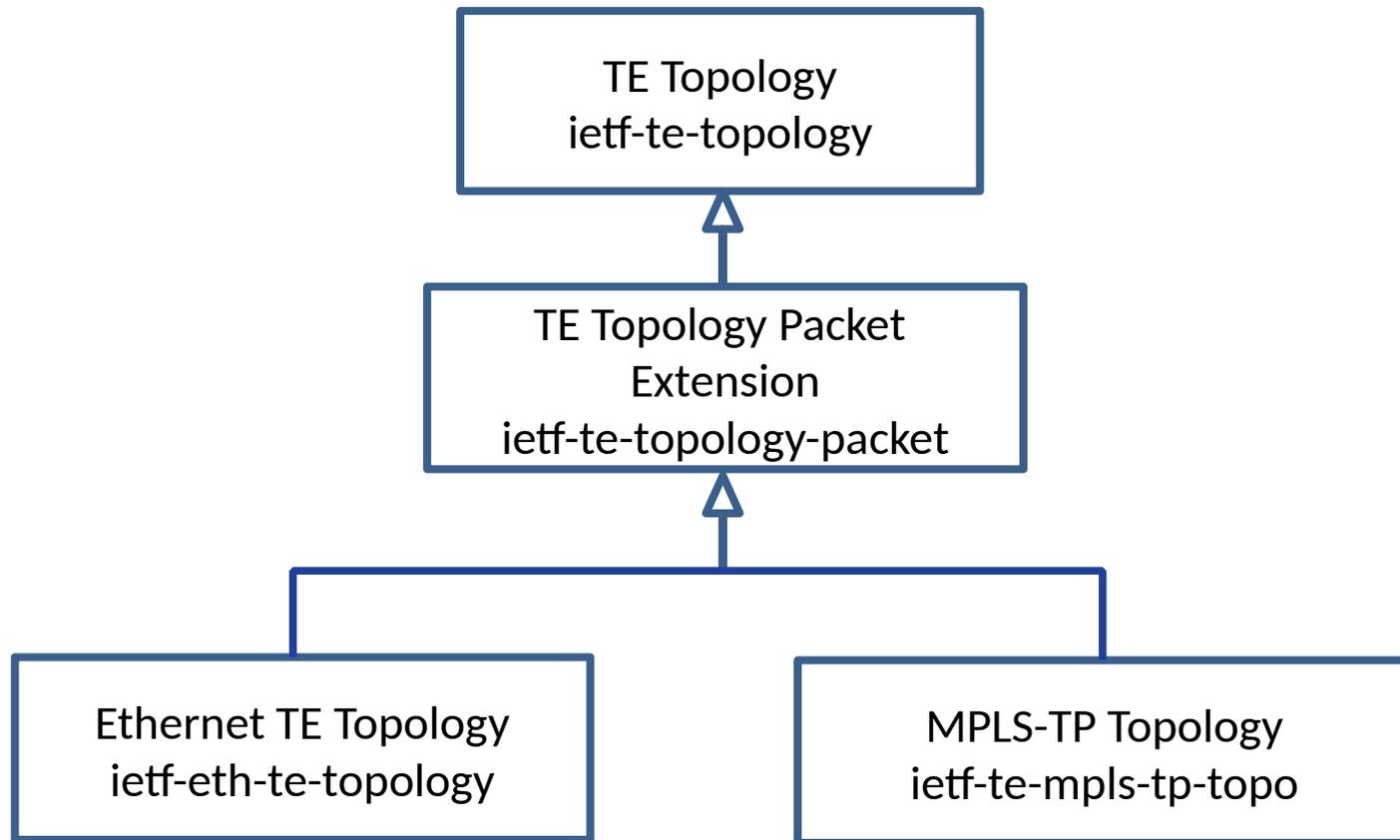
TE Packet and Others

- Option 1:



TE Packet and Others

- Option 2:



Either Option Works

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

Clarification

- letf-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

Xufeng Liu (Volta Networks)

Igor Bryskin

Vishnu Pavan Beeram (Juniper Networks)

Tarek Saad (Juniper Networks)

Himanshu Shah (Ciena)

Stephane Litkowski (Orange)

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.