A YANG Data Model for OTN Network Topology& OTN Tunnel

CCAMP WG, IETF98, Chicago

draft-zhang-ccamp-l1-topo-yang-06

Authors:

Xian Zhang (zhang.xian@huawei.com)

Kun Xiang (xiangkun@huawei.com)

Anurag Sharma (ansharma@infinera.com)

Xufeng Liu (Xufeng_Liu@jabil.com)

Contributor:

Baoquan Rao (raobaoquan@huawei.com)

Sergio Belotti (sergio.belotti@nokia.com)

Huub van Helvoort (huubatwork@gmail.com)

draft-sharma-ccamp-otn-tunnel-model-01

Authors:

Xian Zhang (zhang.xian@huawei.com)

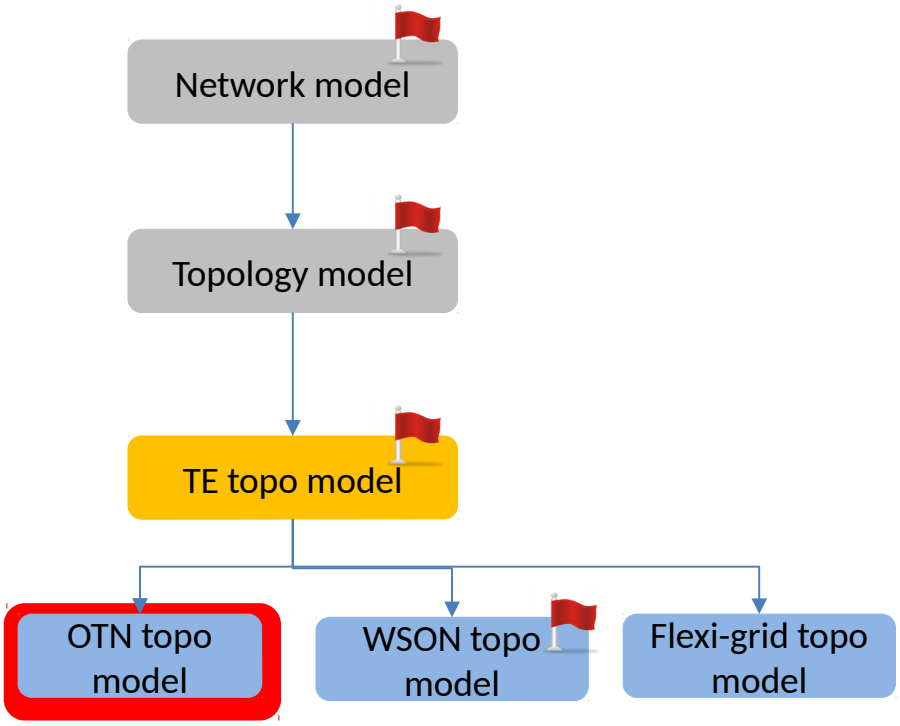
Kun Xiang (xiangkun@huawei.com)

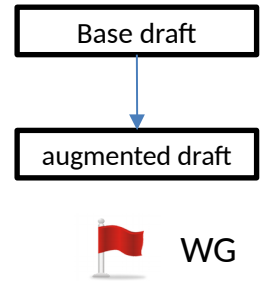
Anurag Sharma (ansharma@infinera.com)

Rajan Rao (rrao@infinera.com)

draft-zhang-ccamp-l1-topo-yang-06

- Scope:
  - YANG data model for Topology of OTN Topology





TEAS draft

CCAMP draft

draft-zhang-ccamp-l1-topo-yang-06

- Objective:
  - This draft defines a YANG data model to describe the topologies of an OTN which is independent of control plane protocols

Diff: 06 as compared to 05

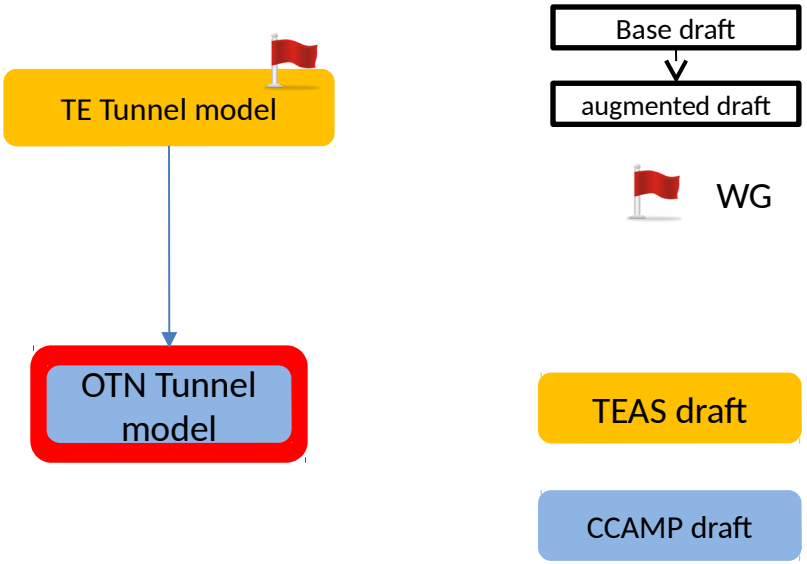
- Update YANG model version 1 -> 1.1 for future compliance

Next Step

- No further comments need to be addressed;
- Authors/contributors would like to ask for WG adoption.

draft-sharma-ccamp-otn-tunnel-model-01

- Scope:
  - YANG model for OTN Tunnel
  - replace the draft: [draft-sharma-ccamp-otn-service-model-00]



draft-sharma-ccamp-otn-tunnel-model-01

- Objective:
  - This draft defines the OTN tunnel YANG model which augments the TE tunnel;
  - This draft also provides the YANG model describes the standard transport types based on G.709/Y.1331 (e.g. tributary slot types and client signal types.)

Diff: 01 as compared to 00

- Update YANG version 1 -> 1.1
- Add YANG tree terminology and change term timeslot to tributary slot
- Add bookended/Non-bookended OTN tunnel and Network/Client side tunnel service

Next Step

- Bookended/Non-bookended as an open issue;
- Looking forward to more discussions and comments in the mailing list;
- Authors/contributors would like to ask for WG adoption.