YANG Data Models for Transport TE FGNM Extension Mode

CCAMP WG, IETF120

draft-yu-ccamp-te-fgnm-yang-01

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➢ The emerge of RESTCONF increases the complexity of system integration.
➢ To minimize the cost of migrating from TMF O&M to RESTCONF/YANG, it is better to support FCAPS with TMF models
➢ Alternative approaches for FCAPS with consistent interfaces, OSS/MDSC (to MDSC) to PNC
How to Support FCAPS by ACTN Interfaces?

➢ To support TMF FCAPS function by ACTN, the objects in the data model need to be mapped.
➢ It is also needed to compare the parameters of each object between TMF and ACTN, and supplement it in ACTN modeling, known as FGNM
How to do the extensions?

This draft only focuses on the FGNM extension generic for all the layers.
What Has Been Included In The Current Model?

**TE Topology FGNM Extension**
- Lifecycle and usage of TTP

**TE Tunnel FGNM Extension**
- Modeling of P2MP and MP2MP tunnel
- More kinds of restoration
- TTP Hop (Path Constraint)
Next Step

➢ Identify more generic FGNM extension applicable for all the layers;
➢ Start the study on the layer-specific FGNM extension;

➢ Call for WG adoption
  ● Github: https://github.com/YuChaode/draft-yu-ccamp-te-fgnm-yang