Update History

• Version 00 presented at IETF 92
  – Provided introduction to an Information Model relevant to the data modeling work on Topology underway in the IETF, describing:
    • Relevant work under development outside of the IETF
    • How the Information Model topology subset can be utilized to assist in Data Model development
  – Doesn’t suggest /attempt to drive IM development in the IETF

• Updates in 01 presented at IETF 93
  – Replaced reference to previously draft Core Information Model liaised from ONF with published ONF TR-512 “ONF-CIM Core Model” (Base Document 1.0 + Model 1.0)
  – Provided an example of Topology model usage via translating the “Link” object classes to YANG (using the UML-YANG Mapping Guidelines in draft-mansfield-netmod-uml-to-yang)
  – Updated other (previously liaised) references to point to published documents
-02 Update Summary

• Updated Appendix A
  – Provides new version of the ONF-CIM CNM Topology model
    • V-01: ForwardingDomain, Link, LinkEnd
    • V-02 add: ForwardingConstruct, LogicalTerminationPoint, LayerProtocol

• Added Appendix B
  – Transport-API Topology Service IM is a purpose-specific IM, derived from the
    ONF-CIM CNM Topology model
  – Provides the ONF TAPI Topology YANG model
Next Steps

- Support work efforts of i2rs and teas for harmonizing YANG topology modules
- Update text in body of draft to align with Appendix A
- Engage on mailing list, using standard IETF process
  - Update draft-lam per feedback
  - Support enhancements of related YANG modules under development
- Aspire to be adopted as WG draft leading to an Informational RFC
  - Timeframe: IETF 95 for working group draft request
References

• IETF drafts
  - draft-lam:  
  - draft-betts:  
  - draft-mansfield:  
    [link](https://tools.ietf.org/html/draft-mansfield-netmod-uml-to-yang-01)

• ONF Liaison ([link](https://datatracker.ietf.org/liaison/1406/))
  Re-approval and public availability of:
  - ONF-CIM Core Model [base document 1.0](https://datatracker.ietf.org/liaison/1406/) + [Model 1.0](https://datatracker.ietf.org/liaison/1406/) (March 2015 | TR-512)
  - Common Information Model (CIM) [Overview 1.0](https://datatracker.ietf.org/liaison/1406/) (March 2015 | TR-513)
  - UML Modeling Guidelines [1.0](https://datatracker.ietf.org/liaison/1406/) (March 2015 | TR-514)
  - Papyrus Guidelines [1.0](https://datatracker.ietf.org/liaison/1406/) (March 2015 | TR-515)