

Service Models Explained

draft-ietf-opsawg-service-model-explained-01

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History and Status

- 7 versions of draft-wu-opsawg-service-model-explained
 - Starting July 2016
- Adopted by OPSAWG June 2017
- Update to -01
 - Just fixed a typo of a missing “not”

Relationship to draft-ietf-netmod-yang-model-classification

- draft-ietf-netmod-yang-model-classification
 - Completed Netmod WG last call
 - Completed IETF last call
 - Currently in Auth-48
 - In other words, it won't change
- draft-ietf-netmod-yang-model-classification
 - Classifies/categorizes IETF YANG modules as:
 - Network Element YANG Modules
 - Network Service YANG Modules
 - Leads to debate about overlap with this draft...

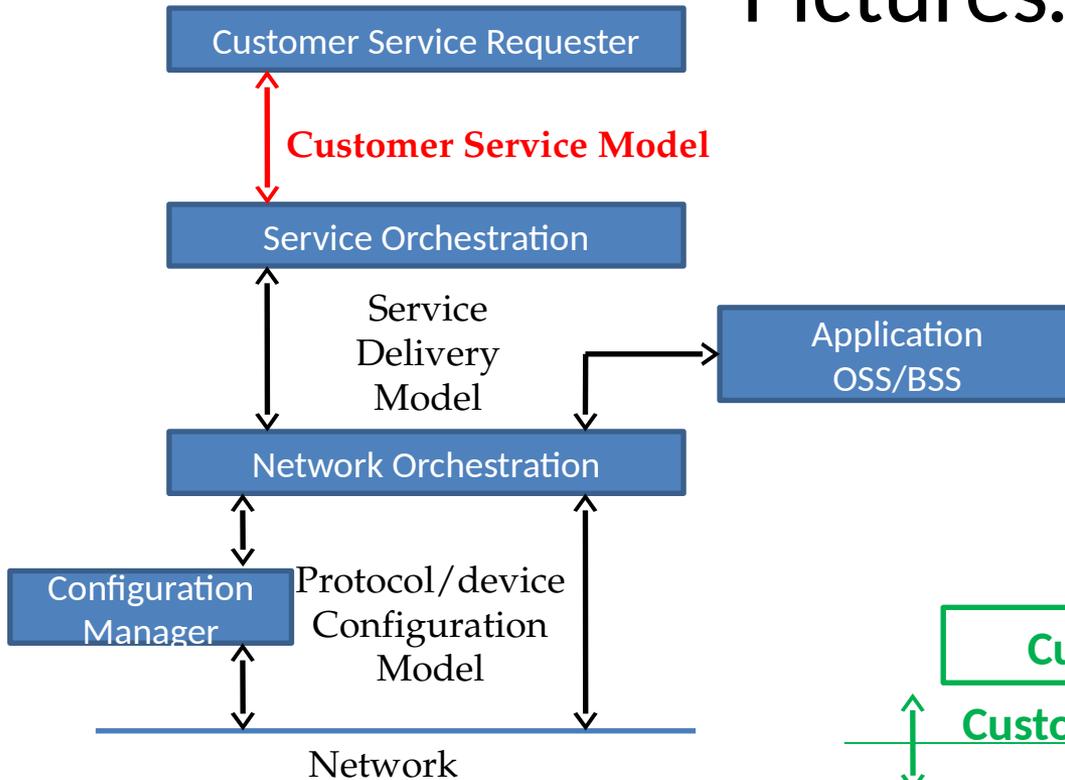
What Does This Draft Do?

- Attempts to give context and explanation for YANG models used by operators to describe network services in communication with their customers
 - Usage might be in software or on “forms”
 - Examples are:
 - RFC 8049 (L3VPN Service Model)
 - draft-ietf-l2sm-l2vpn-service-model-01 (L2VPN SM)
- These are “unusual” models for the IETF
 - Not directly tied to protocol components

How Was the Overlap Resolved?

- L2SM and L3SM are Network Service YANG Modules according to draft-ietf-netmod-yang-model-classification
 - But that category is very broad and includes everything that is not a Network Element YANG Module
- We worked with the authors of draft-ietf-netmod-yang-model-classification
 - Ensured that the definition was broad enough to include our service Models
 - Fixed the reference and description of L3SM
- We updated our document
 - Ensure that the reference to draft-ietf-netmod-yang-model-classification is correct
 - Show that the Network Service YANG Module concept can be partitioned
 - » Service Delivery YANG Models
 - » Customer Service YANG Models

Pictures...

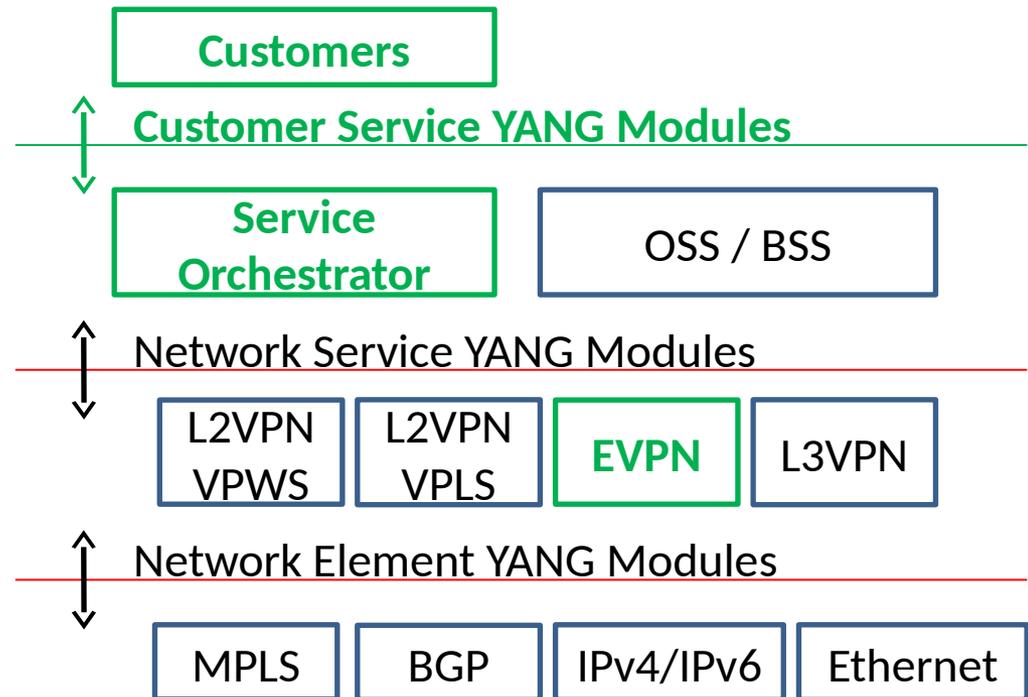


Common figure for L2SM and L3SM

- Service Models in **red**

Updated figure from Netmod draft

- Additions in **green**



What Remains to Be Done

- Add more text to explain the relationship further
 - Authors need help to understand what is confusing!
- Leave or remove EVPN that we added
 - Seemed like a relevant addition
 - Not in the draft-ietf-netmod-yang-model-classification figure
- Final review
- Last call