

TE Topology – Yang Model

- Yang Data Model for representing and manipulating TE Topologies:
 - Technology agnostic TE Topology building blocks
 - Generic Node Attributes
 - Connectivity Matrix
 - Generic Link attributes
 - BW, Admin-Groups, SRLGs, TE Metric etc.
 - Information Sources
 - OSPF-TE, ISIS-TE, BGP-LS, User-Configured, Other
 - Model captures overlay and underlay relationship for nodes and links
 - Allows Hierarchical TE Topology views
 - Time scheduling parameters
 - Can be specified for the topology as a whole or each individual topological element
 - Abstract TE Topologies
 - Model facilitates the notion of “TE Topology as a Service”
 - Model allows the provider to present the network in abstract TE terms on per client basis
 - Model allows the client to request changes to the abstract TE Topology that is presented to it