

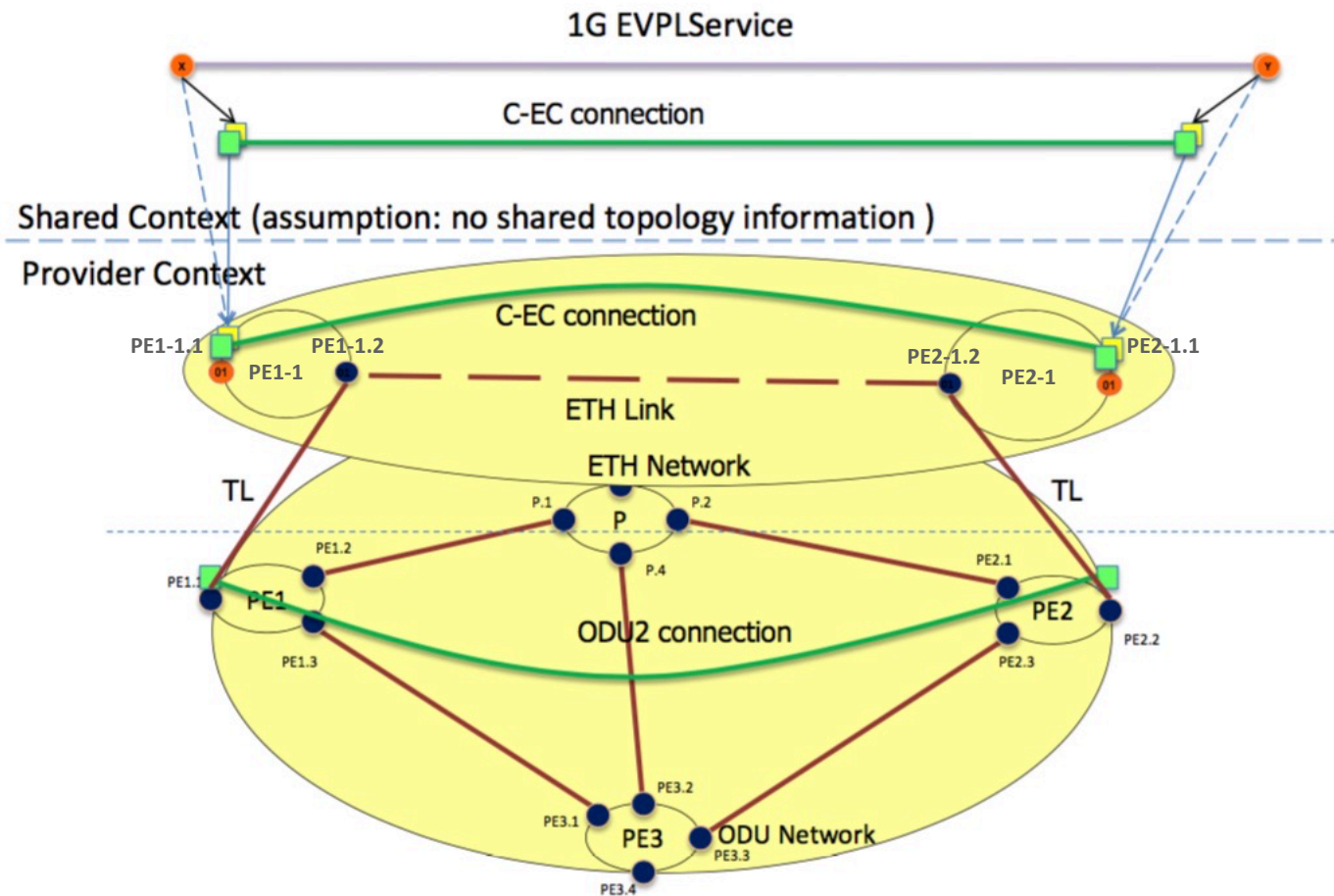
IETF Transport Model Instance Diagrams

June 11th, 2016

Use Case - 2

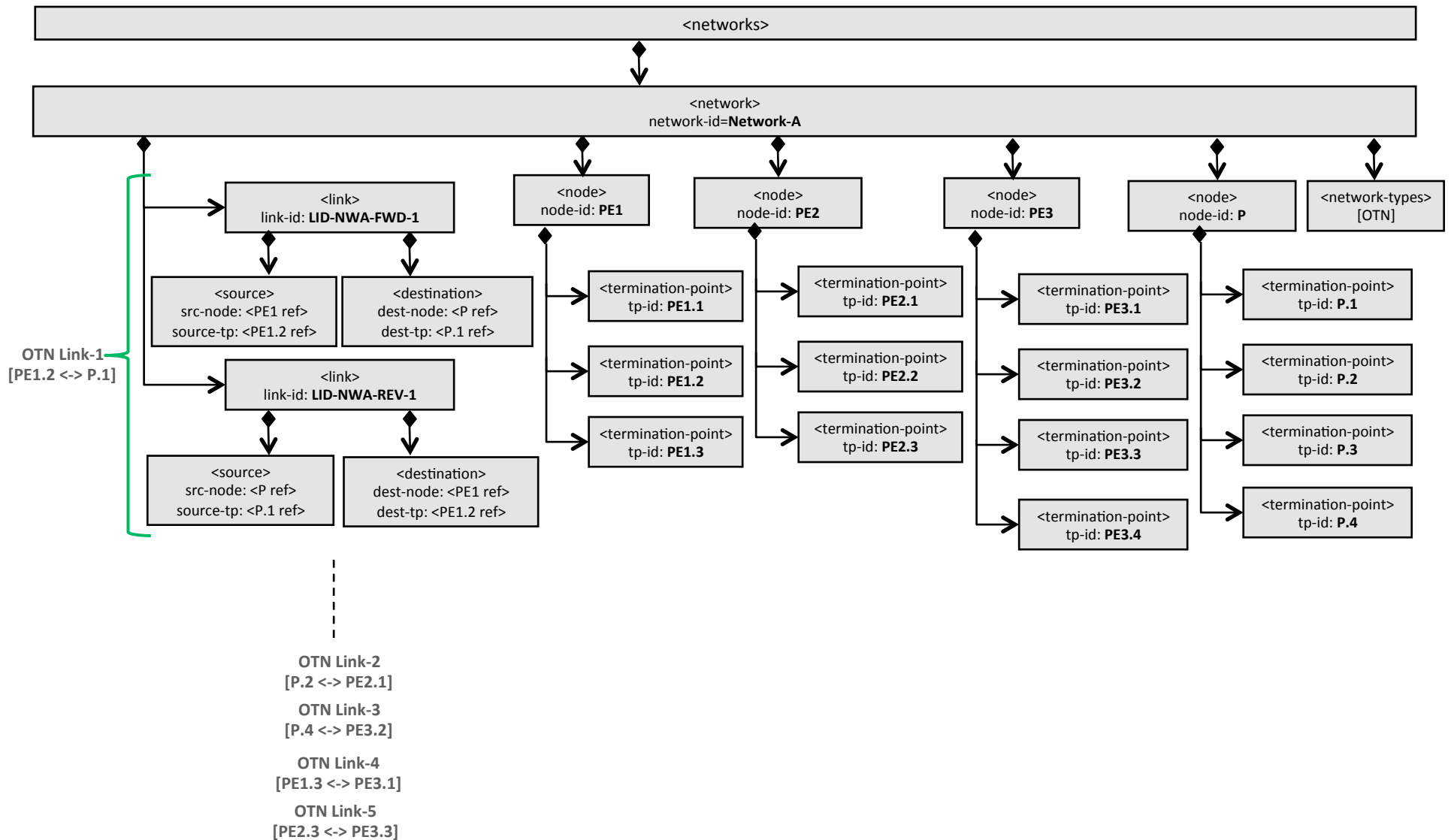
E2E Service in ML Topology

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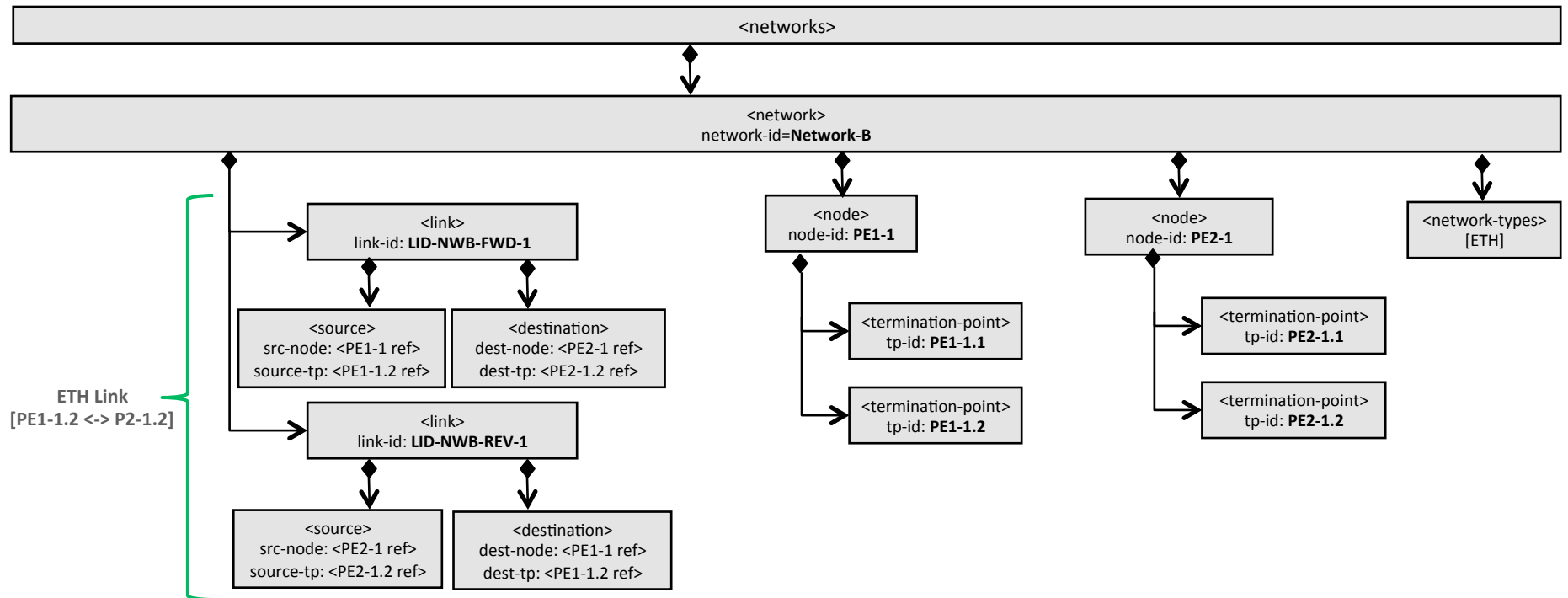


Source: T-API FRS

OTN Topology (i2rs) Model Instantiation

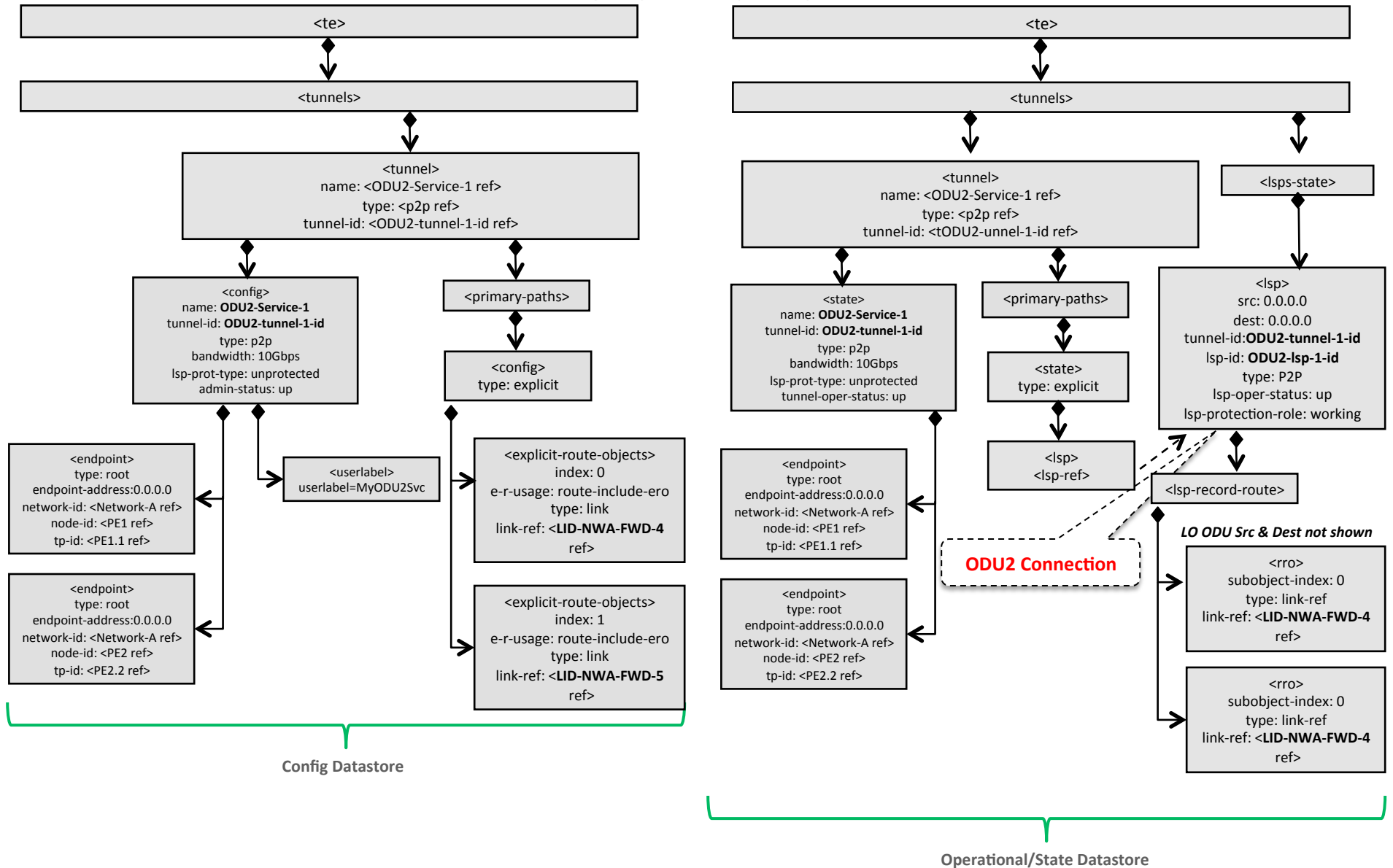


ETH Topology (i2rs) Model Instantiation

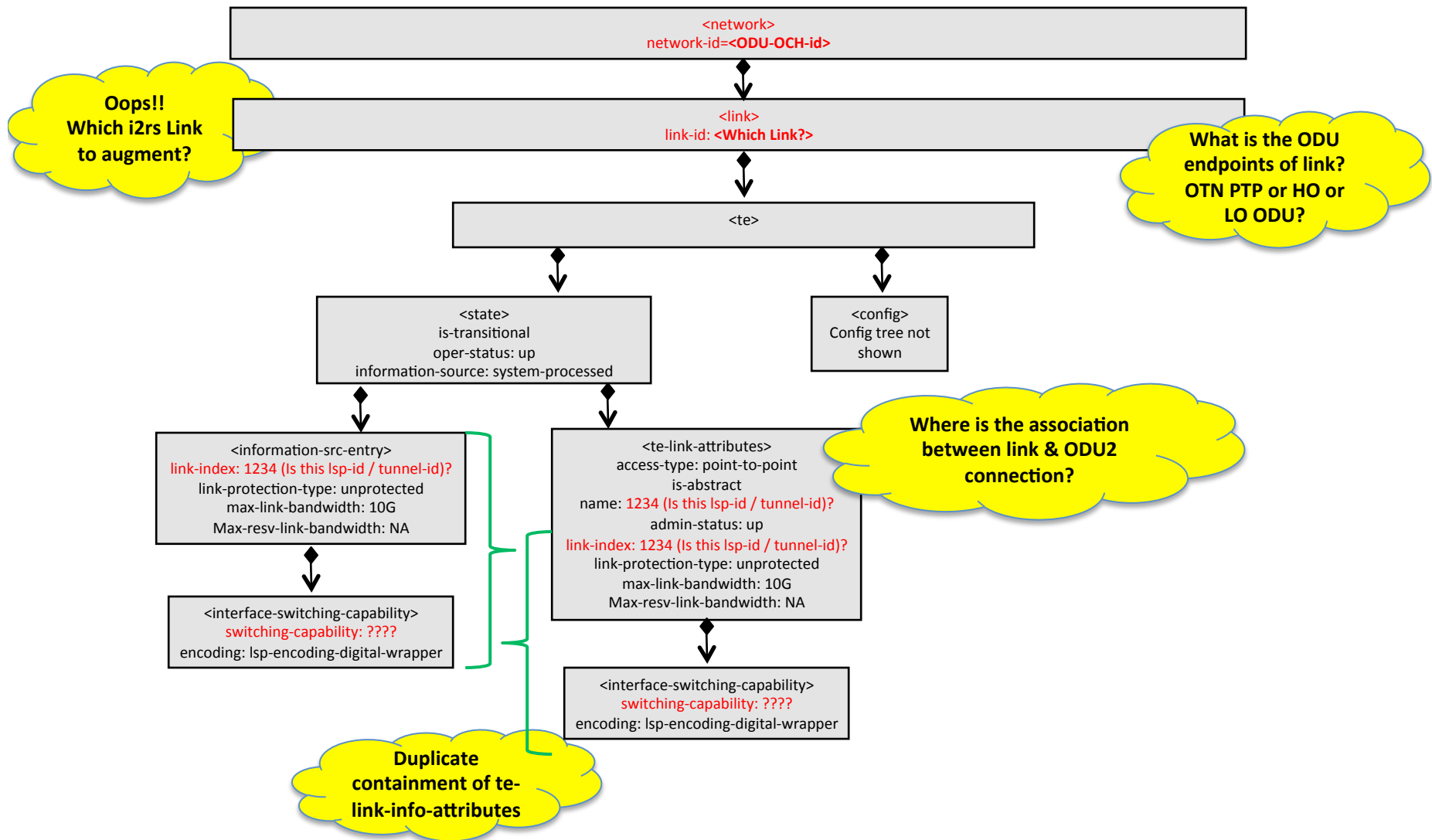


ODU2 Connection: TEAS Tunnel Model

Instantiation

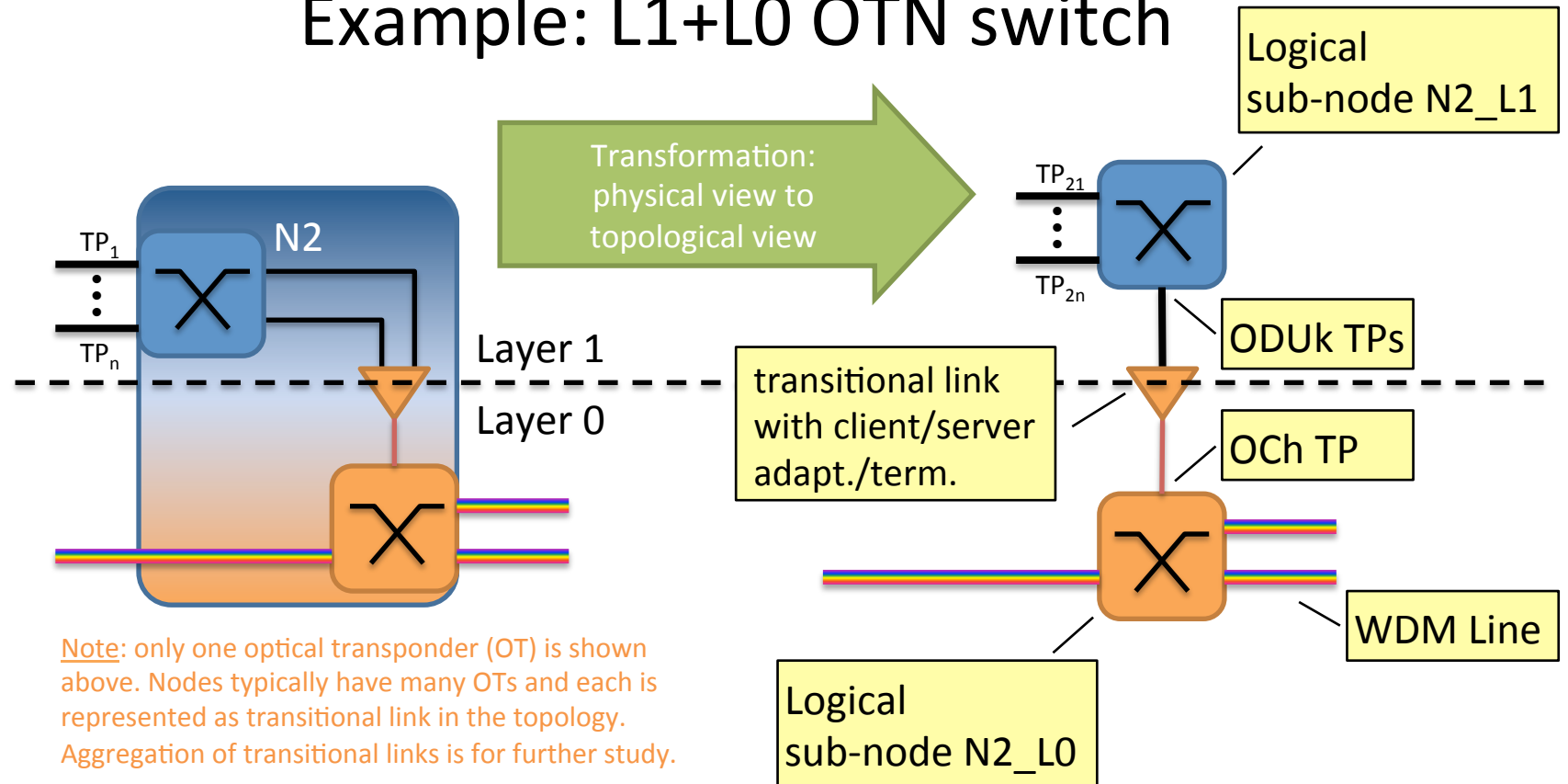


Transitional Link: TEAS Topology Model Instantiation



Multi-layer node decomposition

Example: L1+L0 OTN switch



Dual-layer node N2 is decomposed into 2 logical sub-nodes: N2_L1 and N2_L0
 Transitional link between N2_L1 and N2_L0 with following TPs on the link ends:
 N2_L1 side: set of ODUk TPs, N2_L0 side: single OCh TP
 Example: 100G OCh TP \rightarrow ODUk TPs {80 x ODU0, 40 x ODU1, 10 x ODU2, 2 x ODU3, 1 x ODU4}