APPLICABILITY OF YANG MODELS FOR ACTN

HTTPS://TOOLS.IETF.ORG/HTML/DRAFT-IETF-TEAS-ACTN-YANG-00

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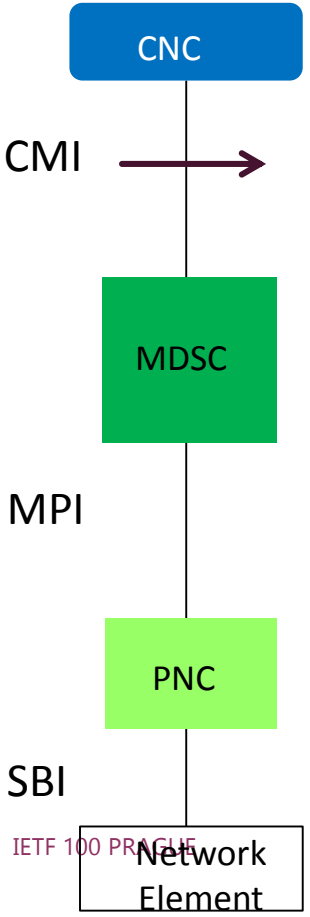
STATUS AND PURPOSE OF THE DRAFT

- Just adopted by the WG
- Explains:
  - How the different types of YANG models are applicable to the ACTN framework.
  - How the YANG models map against the ACTN interfaces, in particular:
    - Customer Service Models in the ACTN Architecture (CMI)
    - Service Delivery Models in ACTN Architecture (internal to MDSC)
    - Network Configuration Models in ACTN Architecture (MPI)
- Discusses the applicability of specific data models that are under development.

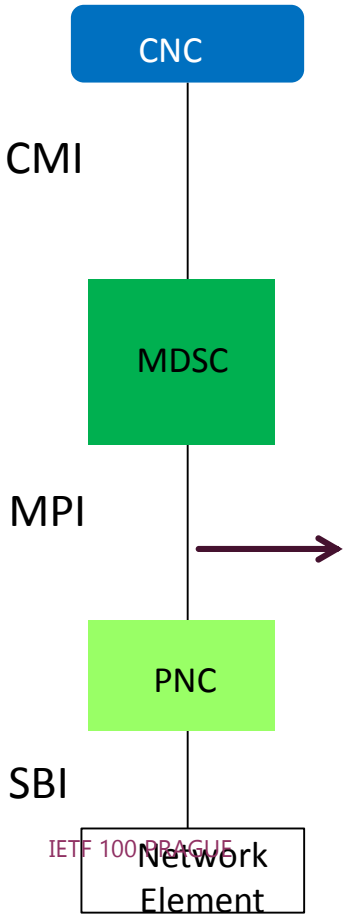
CMI AND CUSTOMER SERVICE MODEL



Customer Service Model

Function	Yang Model
L1VPN Service Request	[L1CSM]
VN Service Request & Instantiation	[ACTN-VN-YANG]
VN Path Computation Request	[ACTN-VN-YANG]
VN Performance Monitoring Telemetry	[ACTN-PM-Telemetry]

MPI AND NETWORK CONFIGURATION MODEL



Function	Yang Model
Configuration Scheduling	[Schedule]
Path computation	[PATH_COMPUTATION-API]
Path Provisioning	[TE-Tunnel]
Topology Abstraction	[TE-topology]
Tunnel PM Telemetry	[ACTN-PM-Telemetry]
-------- TECHNOLOGY SPECIFIC ----------	
OTN Topology Abstraction	[OTN-Topo]
WSON Topology Abstraction	[WSON-Topo]
Flexi-grid Topology Abstraction	[Flexigrid-Topo]
ODU Tunnel Model	[ODU-Tunnel]
WSON TE Tunnel Model	[WSON-Tunnel]
Flexi-grid Tunnel Model	[Flexigrid-Tunnel]

SUMMARY & NEXT STEPS

- Stable
- This is the document that says how to build ACTN interfaces
- Need to update some pieces of text with latest changes in framework, info model and requirements
- Update references
- Main referenced drafts close to WG LC