



APPLICABILITY OF YANG MODELS FOR ACTN

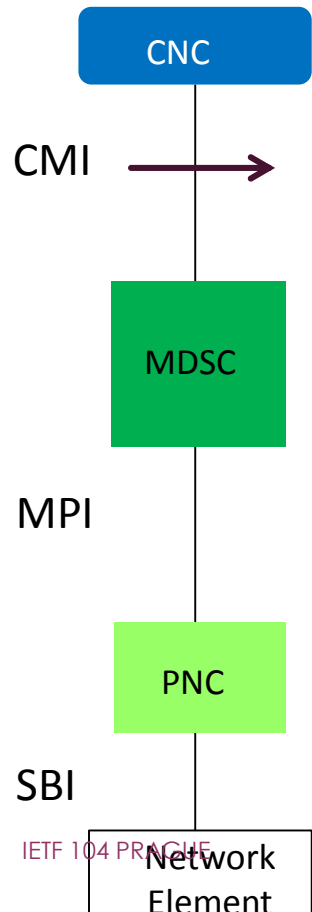
DRAFT-IETF-TEAS-ACTN-YANG-03

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STATUS AND MAIN CHANGES

- Motivation: How different types of YANG models are applicable to the ACTN.
- Main changes:
 - Describe the Service Provisioning in MPI;
 - Update the References;

CMI AND CUSTOMER SERVICE MODEL

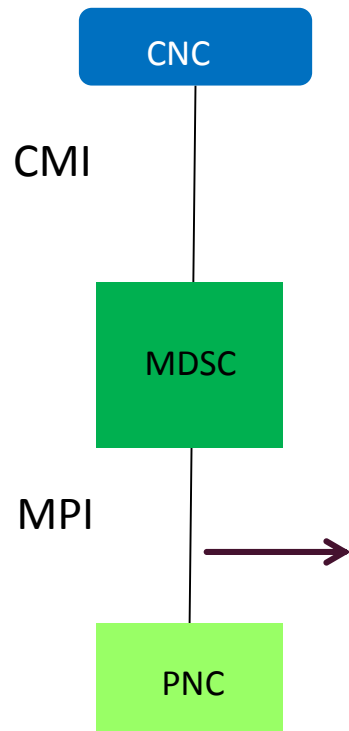


CMI: Serve for the network users

Example Scenario: VN Provisioning and DCI Interconnection

Function	Yang Model
VN Service Request	[ACTN-VN-YANG]
VN Computation Request	[ACTN-VN-YANG]
TE & Service Mapping	[TE-Service-Mapping]
VN Performance Monitoring Telemetry	[ACTN-PM-Telemetry]
Topology Abstraction	[TE-topology]
Layer 1 Connectivity Service Model	[L1CSM]
Layer 2 VPN Service Model	[RFC8466]
Layer 3 VPN Service Model	[RFC8299]

MPI AND NETWORK CONFIGURATION MODEL



MPI: Focused on Network Configuration and Inter-op

Example Scenario: Multi-domain Topology Abstraction and Connection Provisioning

Function	Yang Model
Configuration Scheduling Path computation Tunnel/LSP Provisioning Topology Abstraction Client Signal Description Service Provisioning	[Schedule] [PATH_COMPUTATION-API] [TE-Tunnel] [TE-topology] [Client-signal] [Client-signal] & [TE-tunnel]*
----- TECHNOLOGY SPECIFIC -----	
OTN Topology Abstraction WSON Topology Abstraction Flexi-grid Topology Abstraction Microwave Topology Abstraction ODU Tunnel Model WSON TE Tunnel Model Flexi-grid Tunnel Model	[OTN-Topo] [WSON-Topo] [Flexigrid-Topo] [MW-Topo] [ODU-Tunnel] [WSON-Tunnel] [Flexigrid-Tunnel]

SUMMARY & NEXT STEPS

- Agreed to process after TE generic models;
- Ready for the Last Call;