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

<table>
<thead>
<tr>
<th>Function</th>
<th>Yang Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>L1VPN Service Request</td>
<td>[L1CSM]</td>
</tr>
<tr>
<td>VN Service Request &amp; Instantiation</td>
<td>[ACTN-VN-YANG]</td>
</tr>
<tr>
<td>VN Path Computation Request</td>
<td>[ACTN-VN-YANG]</td>
</tr>
<tr>
<td>VN Performance Monitoring Telemetry</td>
<td>[ACTN-PM-Telemetry]</td>
</tr>
</tbody>
</table>

IETF 100 PRAGUE
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