

2018-07-23 OTCC TST Meeting Notes

Date

23 July 2018 OTCC TST Call Notes

Attendees

- [Lyndon Ong](#)
- [Nader Zein](#)
- Thorsten Heinze
- Kam Lam
- Bernd Zeuner
- Sergio Belotti
- Italo Busi
- Karthik Sethuraman

Goals

Discussion Items

Time	Item	Who	Notes
	Updates from External Activities	Lyndon	<p>OIF TAPI Demo</p> <ul style="list-style-type: none">• now completed - see https://www.oiforum.com/meetings-and-events/2018-oif-sdi-t-api-demo/• readouts in NGON, CTL, CT, MEF - slides from NGON will be available, not sure when• WP in preparation• Joint session to review results in planning, possibly week of Aug. 13th <p>MEF</p> <ul style="list-style-type: none">• meeting in progress this week

<p>Updates from internal activities</p>	<p>Karthik Kam Giorgio Thorsten</p>	<p>TAPI</p> <p>TAPI 2.1 Plan</p> <ul style="list-style-type: none"> • Release has been delayed • Old target of 3Q-start 2018, new target 3Q-end 2018? <ul style="list-style-type: none"> • First RC mid of next month • Key items <ul style="list-style-type: none"> • TAPI Photonic Media <ul style="list-style-type: none"> • target ODTN project • Initial draft of model on GitHub • Still discussing open issues on need for modeling OTSi layer in the OLS domain • Thorsten - interested in review of Pac, potentially trial in WT 5th PoC • TAPI OAM (mostly ETH) Updates <ul style="list-style-type: none"> • target MEF NRM-OAM project • Draft model on GitHub • TAPI Equipment Inventory <ul style="list-style-type: none"> • Draft model to be cloned by pruning/refactoring from Core IM • Cloned portions not expected to significantly differ from Core IM • OpenAPI updates for Restconf Compliance <ul style="list-style-type: none"> • Updates to Uml2Yang tool in progress • Proposal to use the same Yang2OpenApi tool as MEF Presto • Based on ODL yang tools rather than pyang (current Yang2OpenApi tool) • Expect discussion of EAGLE tools at MEF • Will use Papyrus version Photon for now - user guidelines will not be updated yet pending results - note must download Eclipse first and search for Papyrus - note package is preferable to some but Eclipse seems to recommend this procedure <p>OT-IM:</p> <ul style="list-style-type: none"> • Most of the recent discussion was on the Ethernet OAM models <ul style="list-style-type: none"> • IEEE p802.1Qcx CFM (Connectivity Fault Management) YANG <ul style="list-style-type: none"> • Analyzed the CFM YANG to provide feedback to IEEE 802.1 <ul style="list-style-type: none"> • The latest CFM YANG is at https://github.com/YangModels/yang/tree/master/standard/ieee/802.1/draft • Re-engineered CFM YANG into UML and provide input to ITU-T Q14/15 and IEEE 802.1 <ul style="list-style-type: none"> • The latest UML is at oitm2018.BZ.001.05_PapyrusleeCfmOxygenWorkspace_180703.zip • ITU-T draft G.8052.1 (Carrier Ethernet OAM) <ul style="list-style-type: none"> • It will have UML and YANG models for the G.8013/Y.1731 Ethernet grade OAM functions. <ul style="list-style-type: none"> • The YANG model will be translated from the UML by using the translation tool • The YANG model will augment the IEEE 802.1Qcx CFM YANG to provide the G.8013/Y.1731 Ethernet grade OAM functions • Also discussed the models for TAPI <ul style="list-style-type: none"> • Photonic & OTSi model • Equipment model <ul style="list-style-type: none"> • Question - what is function of equipment model in NBI? Part of inventory. Question on Use Case - provides logical to physical mapping for clients of the NBI, e.g., for fault localization to specific equipment part - see if carrier can provide uc description. Second use case has come up with ODTN line system controller model. <p>OIMT Project:</p> <ul style="list-style-type: none"> • Most of the recent effort has been on July 2018 deliverables, <ul style="list-style-type: none"> • Which include <ul style="list-style-type: none"> • Core model: TR-512 v1.4 • Guidelines: TR-514 v1.3 (UML), TR-515 v1.3 (Papyrus), TR-531 v1.1 (UML-YANG) • Review plan and links to the documents that are ready for review: oitm2018.KL.008.11_reviewPlan.docx • Aim to release at end of July. (May actually be early August) • Worked on items aimed for v1.4.1 and beyond, including LTP Port model • Discussed the models for TAPI jointly with TAPI/OTIM groups <ul style="list-style-type: none"> • Photonic & OTSi model • Equipment model • Worked on liaison to ITU-T SG15 on the photonic and OTSi models • Continue worked on modeling infrastructure (UML, Papyrus) and UML-YANG mapping <ul style="list-style-type: none"> • Model/Interface compatibility • Attribute properties/datatype constraints by using OCL (Object Constraint Language) • UML-YANG mapping tool updates, bits modeling & mapping, choice modeling & mapping, YANG statement "require-instance", etc. <ul style="list-style-type: none"> • Bernd receiving comments • Links for details: https://wiki.opennetworking.org/pages/viewpage.action?pageId=263454804. <p>WT</p> <ul style="list-style-type: none"> • we finalized the analysis and the agreements on all the change requests tracked in Mantis; • we expect now a version 1.1 of TR-532 within the next couple of weeks (at least the UML) for application in the 5th PoC of November <ul style="list-style-type: none"> • Thorsten expects consolidated UML by Wednesday, then convert this to YANG <p>DMIP</p> <ul style="list-style-type: none"> • have had 2 reviews, incorporated feedback, continuing to resolve open issue on DHCP option for automated commissioning of Controller IP address - what option code to use • plan for OTCC wide review once this has been resolved (need guidelines on ONF procedures following this - is there ONF wide review?)
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	Future		<p>Next call is scheduled for Monday, Aug. 6th but there is overlap with an ITU-T meeting</p> <ul style="list-style-type: none">▪ reschedule to Aug. 13 or postpone to Aug. 20th? Tentatively plan to skip to Aug. 20th▪ Also no TAPI call this week or OTIM call due to MEF
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Action Items

