

# 2019-01-07 OTCC TST Meeting Notes

## Date

07 January 2019

## Attendees

- Lyndon Ong
- Thorsten Heinze
- Giorgio Cazzaniga
- Martin Skorupski
- Stephane St-Laurent
- Karthik Sethuraman
- Andrea Mazzini
- Latha Ramamurthy
- Tracy Van Brakle
- Hing-Kam Lam
- Italo Busi

## Goals

- Regular biweekly call of the OTCC TST

## Discussion Items

Time	Item	Who	Notes
	OTCC Review		<ul style="list-style-type: none"><li>• Charter;<ul style="list-style-type: none"><li>• The Open Transport Configuration &amp; Control (OTCC) project aims to promote common configuration and control interfaces for transport networks in SDN, defining these interfaces with open source software and software-defined standards.</li></ul><p>This project will develop open source software and accompanying software-based standards for control of L0-L2+ transport technologies, including optical and microwave. This project will also develop open source software and accompanying software-based standards simplifying control of service provider multi-domain multi-technology transport networks.</p><p>The OTCC project will coordinate with the ONOS and the ONF Packet-Optical projects to develop and publish standard interfaces. This coordination will be driven bi-directionally:</p><p>a) Promoting adoption of OTCC work by ONOS, and</p><p>b) Using OTCC techniques and tools to model ONOS interfaces to produce models and APIs that can be published as software defined standards.</p><p>Leverage of this work by transport equipment vendors and by partner SDOs (such as <a href="#">OIF</a>, <a href="#">MEF</a>) into their information model, API development and PoC/Interop implementation efforts will facilitate industry convergence and avoid needless fragmentation in Transport API space.</p></li><li>• comment to add mention of integration with RAN - Tracy to suggest text</li><li>• Subprojects:<ul style="list-style-type: none"><li>• TAPI</li><li>• OTIM (jointly with OIMT Project)</li><li>• WT</li><li>• DMIP</li></ul></li><li>• TST members:<ul style="list-style-type: none"><li>• Italo Busi</li><li>• Giorgio Cazzaniga (WT Lead)</li><li>• Weiqiang Cheng</li><li>• Thorsten Heinze (DMIP Lead)</li><li>• Kam Lam (OT IM Lead)</li><li>• Victor Lopez</li><li>• Andrea Mazzini</li><li>• Karthik Sethuraman (TAPI Lead)</li><li>• Martin Skorupski</li><li>• Stephane St. Laurent</li><li>• Tracy van Brakle</li><li>• Ricard Vilalta</li></ul></li></ul>

2019 Call Schedule		<ul style="list-style-type: none"> <li>• OTCC TST Calls: biweekly Mondays 7-8am US Pacific time</li> <li>• TAPI Call: weekly Tuesdays 6-8am US Pacific time</li> <li>• WT Call: weekly Wednesdays 6-7 US Pacific time</li> <li>• IM: weekly Thursdays, 3-6am US Pacific time</li> <li>• DMIP: weekly Thursdays, 8-9am US Pacific time</li> </ul> <p>• Note OIMT has a calendar page on IM-related discussions - <a href="#">Conference Call Schedule</a></p> <ul style="list-style-type: none"> <li>• Note need to update ONF calendar - Lyndon</li> <li>• WT and DMIP notes - Thorsten, Giorgio <ul style="list-style-type: none"> <li>• DMIP has been using changes to issues</li> <li>• WT mostly PoC discussions for the past month</li> <li>• will resume posting regular notes in future</li> </ul> </li> </ul>
2019 F2F Meeting Plans		<p>F2F Meetings for 2019</p> <ul style="list-style-type: none"> <li>• March 18-22 Sydney - hosted by Cisco: <ul style="list-style-type: none"> <li>• Need to prep for the logistics information, in particular the invitation letter for visa application</li> </ul> </li> <li>• May 6-10, 2019 Beijing - hosted by FiberHome and China Mobile: <ul style="list-style-type: none"> <li>• Thanks to FiberHome &amp; China Mobile for volunteering the site!</li> </ul> </li> <li>• September 2019 OIMT/OTCC meeting: <ul style="list-style-type: none"> <li>• Current plan is to meet at the ONF CONNECT meeting with rooms available to us for parallel working tracks</li> </ul> </li> <li>• December 9-13 <ul style="list-style-type: none"> <li>• possible location is London, UK</li> </ul> </li> </ul>
Open Items		<ul style="list-style-type: none"> <li>• Note presentations from ONF Connect are now available at <a href="https://www.opennetworking.org/onf-connect-2018-collateral/">https://www.opennetworking.org/onf-connect-2018-collateral/</a></li> <li>• Project plans <ul style="list-style-type: none"> <li>• TAPI - Karthik - main activity is enhancement of the Photonic Model, closely tied to the ODTN project in ONF; second is a TAPI 2.2 release in end March (not 3.0, so mainly updates e.g. to resilience, multi-layer, OAM, plus addition of equipment inventory functions); need to start planning for TAPI 3.0, possibly in September. <ul style="list-style-type: none"> <li>• item: addition of WT model to TAPI - have discussed in the past, WT group has done some work with TAPI photonic model. Should plan for this, will add as discussio item on WT meeting.</li> <li>• item: potential integration with ONAP - Tracy - being formalized as a project in ONAP r.4/Dublin, sponsored by Fujitsu and others - establish links with this work - Tracy to provide links</li> <li>• item: MEF L1 project also will be tied closely with TAPI work, as well as the OAM and Ethernet work (but not photonic work)</li> </ul> </li> <li>• WT - Giorgio - still closing activity on 5th PoC, working on detailed report/white paper, blog was posted last week on the ONF webpage (thanks Timon!) <ul style="list-style-type: none"> <li>• plan to discuss alignment with core model updates (PoC mainly aligned with v1.2) <ul style="list-style-type: none"> <li>• involves definition of compatibility mechanisms - seems not complete currently, e.g., to handle bug fixes</li> <li>• note application perspective is different for compatibility</li> <li>• potentially impacts other group work as well, possible topic for more joint discussion (has been some discussion in TAPI, Nigel has suggested white paper) <ul style="list-style-type: none"> <li>• not easy to resolve, many possible definitions/levels for backward compatibility came up in TAPI discussion, but some statement would be good</li> <li>• OIMT has a work item but has not been addressed yet - Nigel and Martin</li> </ul> </li> <li>• operator issue - updating of applications and devices cannot be done in one action but involves more gradual process</li> </ul> </li> <li>• resolve open issues identified at the PoC, update to the specs to 1.2 version</li> <li>• additional work on associated models such as Ethernet PHY, Ethernet MAC and synchronization <ul style="list-style-type: none"> <li>• initial PHY model was tested in 5th PoC, issues identified in MANTIS tracker, interest in publishing work in 1Q19</li> </ul> </li> </ul> </li> <li>• DMIP - Thorsten - have published TR-545 and implemented some aspects in the WT 5th PoC, results were positive and expect more coverage of requirements over time; some minor issues were identified but no urgent issues <ul style="list-style-type: none"> <li>• possibility to expand to further areas, e.g., automated commissioning, still under discussion</li> <li>• operator representatives discussing other areas of work and may have contributions for additional work</li> </ul> </li> <li>• OTIM - Kam - calls consolidated with Thursday OIMT calls to reduce overhead and give people more time for work, continuing technology specific modeling work <ul style="list-style-type: none"> <li>• discussing IEEE CFM jointly with ITU-T/IEEE/MEF monthly call - MEP modeling is one issue that might be brought up</li> <li>• OIMT starting new discussion on IP Segment Routing</li> </ul> </li> </ul> </li> </ul>
Next Call		<p>Jan. 21, 2019 - note ITU-T Q.12/Q.14 meeting in Wuhan but should still be OK</p>

## Action Items

