

# 2020-03-03 TAPI Meeting notes

## Date

03 Mar 2020

## Attendees

- Arturo Mayoral
- Andrea Mazzini
- Malcolm Betts
- Pedro Amaral
- Alfredo (Telefonica)
- Karthik Sethuraman
- Nigel Davis
- Jonathan Sadler
- Mariana Padinha
- Xiaobing NIU

## Goals

- TAPI Security - Jonathan Sadler
- Version 2.1.3 freeze: check all modifications
- Version 2.3 advancements: what to include very soon
- Version 2.4: TAPI Documentation
- Progress on Routing Constraints

## Discussion items

5 mins	Administrative	Andrea Mazzini  Karthik Sethuraman	<ul style="list-style-type: none"> <li>• <b>Next F2F TAPI meeting, hosted by Telefonica/Madrid:</b> <ul style="list-style-type: none"> <li>• 04 May 2020 - 08 May 2020</li> <li>• <b>but at least Andrea is not allowed to travel. Let's see evolution of coronavirus.</b></li> </ul> </li> <li>• <b>Open issue regarding call slot assignment: today we were preempted by another ONF meeting overlapping last scheduled hour</b> <ul style="list-style-type: none"> <li>• ONF TAPI Call is scheduled by ONF admin from 3pm to 5pm CET</li> <li>• So far we had several longer calls without any preemption issue</li> <li>• Reasonably we can ask to extend to four hours - with option for two additional hours "on demand".</li> </ul> </li> <li>• 10 Mar 2020 TAPI Call: 3 hours, <b>note that US is in daylight saving time, call will start at 2pm CET (at 1pm CET there is the ITU-T Q14/15 eMeeting on IM/DM Modeling Coordination)</b> <ul style="list-style-type: none"> <li>• Continue Review of <a href="#">TR-5XX.1-TAPI v2.1.2 Reference Implementation_v0.5.docx</a></li> <li>• <b>2.1.3 version freeze, tentative target March 20: review of modifications and open issues</b></li> <li>• OTSiMCA/MCA CSEP attributes</li> <li>• Multi-layer model / capabilities: at least in the scope of TR-5XX.1-TAPI v2.1.2 Reference Implementation</li> <li>• <b>OAM model for ODU and Photonic</b></li> </ul> </li> <li>• 17 Mar 2020           <ul style="list-style-type: none"> <li>• Preparation of May f2f agenda</li> </ul> </li> </ul>
70 mins	TAPI Security <b>Recorded</b>	Jonathan Sadler	<p>Jonathan Sadler presents an overview on security</p> <ol style="list-style-type: none"> <li>1. The Three "As", Authentication, Authorization, Auditing       <ul style="list-style-type: none"> <li>• Authentication: who are you</li> <li>• Authorization: what you can do on which objects</li> <li>• Auditing: any strange thing happened? Logging/Forensic.</li> </ul> </li> <li>2. From TAPI perspective, Authorization is the most important aspect.       <ul style="list-style-type: none"> <li>• "Least Privilege": the minimum authorizations to perform tasks but preventing damages/leaking of info           <ul style="list-style-type: none"> <li>• E.g. Custom A cannot see the <i>slices</i> assigned to Custom B.</li> </ul> </li> </ul> </li> <li>3. ITU-T X.509 Information technology – Open Systems Interconnection – The Directory: Public-key and attribute certificate frameworks</li> <li>4. Situational Parameters, e.g. check on time&amp;distance plausibility of credit card usages</li> <li>5. IETF RFC 8341 NETCONF Access Control Model (NACM)       <ul style="list-style-type: none"> <li>• Groups and Rules</li> <li>• An user can belong to more groups</li> <li>• Situational Params not supported</li> </ul> </li> <li>6. <a href="https://www.commoncriteriaportal.org/">https://www.commoncriteriaportal.org/</a></li> </ol>

50 mi ns	Version 2.1.3 freeze: check all modifications	<a href="#">Andrea Mazzini</a>	<a href="#">Andrea Mazzini presents otcc2020.AM.002_TAPI_2.1.3_Enhancements.pptx</a> <ul style="list-style-type: none"><li>• Summary of agreements:<ol style="list-style-type: none"><li>1. PhotonicLayerQualifier: keep OTSiG, replace NMC/A with OTSiMC/A, SMC/A with MC/A</li><li>2. LayerProtocolQualifier: add new "UNSPECIFIED" literal</li><li>3. SIP: add <i>direction</i> attribute, type "PortDirection", optional (0..1), default "UNDEFINED_OR_UNKNOWN", explanation that if <i>direction</i> attribute is missing the SIP instance is to be intended as "BIDIRECTIONAL".</li><li>4. FEC parameters will be moved from OTSiA CEP to ODU CEP</li></ol></li><li>• ODU and Photonic OAM: currently 2.1.3 is less developed than 2.3, we need to understand how to<ul style="list-style-type: none"><li>• complete and consolidate 2.3</li><li>• what to "move back" in 2.1.3</li><li>• Agreed to keep OAM outside the scope of Reference Implementation version under review (<a href="#">TR-5XX.1-TAPI v2.1.2 Reference Implementation_v0.5.docx</a>)</li></ul></li></ul>
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## Action items

