

2020-04-21 TAPI Meeting notes

Date

21 Apr 2020

Attendees

- [Karthik Sethuraman](#)
- [Hing-Kam Lam](#)
- [Jonathan Sadler](#)
- [Andrea Mazzini](#)
- [Malcolm Betts](#)
- [Nigel Davis](#)
- [Arturo Mayoral](#)
- [Pedro Amaral](#)
- [Dajiang Wang \(ZTE\)](#)
- [qianjia](#)
- [Xiaobing NIU](#)

Goals

- **2.1.3 status update**
 - **Delivery content (RI, OAS), see TAPI releases**
- Full review of the [TR-5XX.1-TAPI v2.1.3 Reference Implementation_v0.8.docx](#) pending comments and upload of final version (v1.0) to wiki.
- Revise [TAPI Roadmap 2021](#)
 - Selection of Next Major Release features to be replicated in 2.1.4
- Continue preparation of May Virtual Meeting agenda

Discussion items

5 mins	Administrative	Andrea Mazzini	<ul style="list-style-type: none">• Next F2F TAPI meeting, Virtual Meeting:<ul style="list-style-type: none">• 04 May 2020 - 08 May 2020 Agreed to finalize TR-5XX.1-TAPI v2.1.3 Reference Implementation_v0.9.docx during the TAPI Virtual Meeting.• 28 Apr 2020 No TAPI Call• 05 May 2020 TAPI Virtual Meeting
20 mins	2.1.3 status update Delivery content (RI, OAS)	Nigel Davis Andrea Mazzini Karthik Sethuraman Arturo Mayoral	<ul style="list-style-type: none">• Andrea Mazzini Only one pending pull request, equipment object types in TapiNotification (#479) <p>Discussion on TAPI 2.1.3 delivery contents</p> <ul style="list-style-type: none">• Karthik Sethuraman is currently busy and for at least the two next weeks cannot help on the delivery process• A TAPI delivery normally includes:<ol style="list-style-type: none">1. UML/Papyrus2. YANG and TREE files<ul style="list-style-type: none">• YANG modules are automatically generated by Eagle tool but some additional manual editing is required<ul style="list-style-type: none">• updated guidelines UML-Yang Mapping Tool User Guide_2020_04_21.docx• TREE files are generated by PYANG3. Reference Implementation, OpenAPI Specifications (OAS)• Nigel Davis and Andrea Mazzini are editing the YANG modules and will provide TREE files in the next days.• Arturo Mayoral will give a try to generate OAS.• Karthik Sethuraman could help generating OAS but not before two weeks.• General agreement that the team shall progressively share these tasks, to<ul style="list-style-type: none">• avoid too much dependency on one person only• get awareness of the overall production process, which will enhance e2e quality and consistency

10 0 mi ns	review of the TR-5XX.1-TAPI v2.1.3 Reference Implementation_v0.8.docx	Arturo Mayoral Nigel Davis Pedro Amaral Andrea Mazzini	<p>Arturo Mayoral presents TR-5XX.1-TAPI v2.1.3 Reference Implementation_v0.8.docx</p> <p>Reviewed till chapter "4.3 Network Scenarios", excluded.</p> <p>Summary of agreements:</p> <ol style="list-style-type: none"> 1. Clarification about <i>Management</i> and <i>Control</i>, at the time management is automated it simply becomes control, as explained by Core IM. 2. Other minor enhancements to introductory chapter, agreed to remove the references to ONF TR-527, assuming that the TAPI related definitions are self contained in the Reference Implementation. 3. Clarified that when options are described in the document (e.g. Transitional Link or Multi-layer Node, Unidir or Bidir model) it is intended that the Client Controller shall support/integrate all the options as implemented by Server Controllers. 4. Clarified that the discovery of the root "href" entry does not imply to exercise the root tree of the API, but it allows to dynamically adapt the URLs to the different mount points implemented by each different provider. 5. Clarified that both SSE and WebSocket are allowed solutions by the Reference Implementation. 6. Table 3: Minimum subset required of TAPI RESTCONF Data API, added the note that "POST, DELETE operations are not intended for the context root object". The TAPI OAS shall support exactly the operations listed in the table. 7. Nigel Davis and Andrea Mazzini propose to remove Path Computation and Virtual Network Service from the Reference Implementation <ol style="list-style-type: none"> a. Path Computation UCs were not thoroughly reviewed by the team, there is no "solution quality". Agreed to add a disclaimer to UC12a and UC12b. b. Virtual Network Service, no UCs defined, agreed to keep the model in the list, as anyway belonging to the TAPI delivery. 8. Clarified that OMS and OTS PhotonicLayerQualifier values are not used. 9. Andrea Mazzini proposes to remove the <i>Network Element</i> name from INVENTORY_ID, because in case of NE name change several notifications will be raised with essentially redundant information. Explore to centralize NE Name e.g. in the Node. <ul style="list-style-type: none"> • No agreement, the NE Name remains in the INVENTORY_ID, because a Node may not always belong to a same NE, NE name change is not considered a frequent operation, Controllers are used to have this information in the ports. • Evolution to full Equipment model may make redundant the INVENTORY_ID.
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