# 2020-04-14 TAPI Meeting notes

## Date

14 Apr 2020

## Attendees

- Karthik Sethuraman
- Hing-Kam Lam
- Jonathan Sadler
- Andrea Mazzini
- Malcolm Betts
- Nigel Davis
- Arturo Mayoral
- Pedro Amaral

## Goals

- **2.1.3 version freeze**
  - Any issue on Github commits
  - UML2YANG generation
  - Review of inventory use case, regarding latest discussions held in the weekly calls
- 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 | • **Next F2F TAPI meeting, Virtual Meeting:**<br>  • 04 May 2020 - 08 May 2020<br><br>**Call slot assignment: we were preempted by another ONF meeting (ODTN) overlapping the *optional* third hour**<br><br>• 19 Apr 2020-24 Apr 2020 **Schedule a two hours call to perform all operations for delivery of 2.1.3**<br><br>• 21 Apr 2020 TAPI Call: **2 hours**<br>  • 2.1.3 version - status update<br>  • 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.<br>  • Selection of Next Major Release features to be replicated in 2.1.4<br>  • Continue preparation of May Virtual Meeting agenda |
| 15 mins | **2.1.3 version freeze**<br><br>Any issue on Github commits | Nigel Davis<br><br>Andrea Mazzini | Andrea Mazzini no pending commits, last ones are:<br><br>• Connectivity and ODU minor adjustments (#474)<br>• ODU Connectivity enhancements (#473)<br><br>☐ Nigel Davisto perform the last commits on Streaming and Topology<br><br>Agreed that no other modifications will be performed on 2.1.3 candidate. From now on, UML2YANG generation and delivery. |
| 40 mins | **2.1.3 version freeze**<br><br>Any issue on Github commits | Nigel Davis<br><br>Andrea Mazzini<br><br>Karthik Sethuraman | Andrea Mazzini presents UML-Yang Mapping Tool User Guide_2020_04_14.docx , with a new chapter listing all the necessary editings on automatically generated YANG modules:<br><br>1. Add the grouping *class*-ref<br>2. Manage leaf-list *with path* --> list<br>3. Manage leaf *with path* --> container<br>4. Manage the “list” in the rpc, add the key ‘uuid’<br><br>Karthik Sethuramanand Nigel Davisagree that there is a further case regarding enumerations.<br><br>☐ Nigel Davisto clarify the necessary editing to adjust enumerations.<br><br>Nigel Davis in some comments the tool apparently add a tail character which has been manually removed in older modules: agreed that its manual removal is only for cosmetic purposes.<br><br>☐ Karthik Sethuraman to provide the pyang script for *.tree* generation. |

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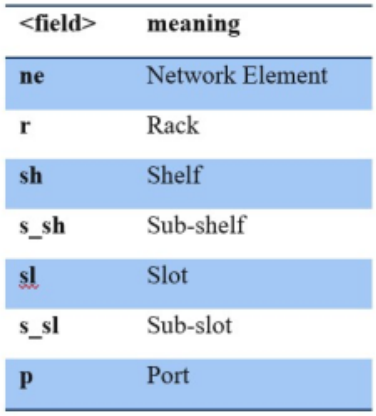
<td>40 mins</td>
<td>Review of inventory use case, regarding latest discussions held in the weekly calls</td>
<td>Arturo Mayoral<br><br>Nigel Davis<br><br>Malcolm Betts</td>
<td>Arturo Mayoral presents some slides with the purpose to clarify the detailed rules regarding Equipment / ocation.<br><br>Summary of agreements:<br><br>1. UC 4b - Complete Inventory model for NBI Interface.<br>• Naming conventions, if the "sub-slot" is not present then its value is set to zero.<br>• Reintroduced the case with two levels of holder, i.e. when a given slot-holder can hold an equipment recursively providing its holders.<br>• To correctly represent this case, the equipment-location attribute will be filled with the relative information of the position in its holder.<br>2. UC 4a - Introduction of references to external inventory model.<br>• Agreed that the INVENTORY_ID shall report the absolute location of the equipment/port, hence may be necessary to improve the current specification:<br><br>/ne=<nw-ne-name>[/r=<r_index>][/sh=<sh_index>[/s_sh=<s_sh_index> …]][[/sl=<sl_index>[/s_sl=<s_sl_index> …]][/p=<p_index> …]]<br><br>Table 4: Inventory-id fields format.<br><br>  <br><br><br>☑ Arturo Mayoral to update the Reference Implementation, done: TR-5XX.1-TAPI v2.1.3 Reference Implementation_v0.8.docx</td>
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<td>10 mins</td>
<td>Selection of Next Major Release features to be replicated in 2.1.4</td>
<td>Andrea Mazzini</td>
<td>Andrea Mazzini highlights that TAPI "Next Major Release" includes a number of features which are not present in 2.1.x stream, e.g.<br><br>• faultConditionDetermination in ResilienceConstraints (SNCP/I, SNCP/N, SNCP/S etc.)<br><br>Agreed that is necessary to identify the features which need to be replicated in 2.1.4</td>
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<td>10 mins</td>
<td>Preparation of May virtual meeting agenda</td>
<td>Arturo Mayoral<br><br>Andrea Mazzini</td>
<td>Precondition for discussion are use cases, specially for the more advanced features.<br><br>• 2.1.4 – ODU OAM<br>• 2.1.4 (?) - Multi-Layer Capabilities / Node Rule Group<br>• 2.1.4 - Selection of Next Major Release features to be replicated in 2.1.4<br>• TAPI Release Plan, alignment with Core IM Release Plan (e.g. IETF alignment for topology)<br>• Candidate features:<br>• Connectivity Service Computation Services, reuse orphan connection etc.<br>• Build the Contexts<br>• Maybe based on same “resources”<br>• Slicing features<br>• Recursive<br>• Control Model<br>• Spec Model</td>
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