

2020-06-09 TAPI Meeting notes

Date

09 Jun 2020

Attendees

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

Goals

- Check consolidation of [TR-5XX.1-TAPI v2.1.3 Reference Implementation_v0.11.docx](#)
- Brief update on [TR-5XX.Y-TAPI_v2.1.3_ReferenceImplementation-Streaming_v0.1.docx](#)
- Brief review of 2.1.3 RC2 and 2.3/NMR enhancements ([#486](#), [#487](#))
- Discuss UUID and Local Id
- From [OIMT Virtual Face to Face Week of April 13](#) discuss work plan with TAPI, in particular for T35 and T41
- ODU OAM continue discussion on Use Cases [otcc2020.AMLL.001_TAPI-v2.1.4 new use cases proposal.pptx](#)
- Multi-Layer Capabilities / Node Rule Group
 - [otcc2020.AM.002-Transmission_Capability.pptx](#)
 - [otcc2020.ND.011_TAPI-MultiLayerRules.pptx](#)
 - [otcc2020.ND.007_TAPI-onf2016.296_MwdFdCapability.pptx](#)
- If there is time
 - Selection of Next Major Release features to be replicated in 2.1.4
 - Build the Contexts
 - Control Model

Discussion items

5	Administrative	Andrea Mazzini	<ul style="list-style-type: none">• Next F2F TAPI meeting: Virtual Meeting to be planned• Andrea Mazzini not available June 20 - July 5 • 16 Jun 2020 TAPI Call: 3 hours<ul style="list-style-type: none">• Check 2.1.3 status - target is final delivery by June 19.• Review of TR-5XX.Y-TAPI_v2.1.3_ReferenceImplementation-Streaming_v0.1.docx• ODU OAM continue discussion on Use Cases otcc2020.AMLL.001_TAPI-v2.1.4 new use cases proposal.pptx
2	Check consolidation of TR-5XX.1-TAPI v2.1.3 Reference Implementation_v0.11.docx	Arturo Mayoral	<p>Arturo Mayoral considers the 0.11 version consolidated from technical perspective. Now there are the following last things:</p> <ol style="list-style-type: none">1. Consolidation of 2.1.3 version (see below the dedicated item)2. Formalization of TR-xxx delivery in ONF, agreed that:<ol style="list-style-type: none">a. The Reference Implementation Agreement (RIA) can be published immediately as "info" at https://www.opennetworking.org/software-defined-s<ul style="list-style-type: none"><input type="checkbox"/> Lyndon Ong to assign the proper document numberb. TR (and not TS) is our target (see https://www.opennetworking.org/software-defined-standards/overview/), it is then necessary the ONF Board<ul style="list-style-type: none"><input type="checkbox"/> Lyndon Ong and Nigel Davis to contact ONF to publish the RIA as TR.

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• [Nigel Davis](#) recalls that [TR-5XX.Y-TAPI_v2.1.3_ReferenceImplementation-Streaming_v0.1.docx](#) has been distributed on June 4.

- Considering that the scope is 2.1.3 version, we need to review it as soon as possible.

[Nigel Davis](#) will commit TapiStreaming to correct some typos found in UML comments (UML plus YANG, TREE and OAS).

[Nigel Davis](#)

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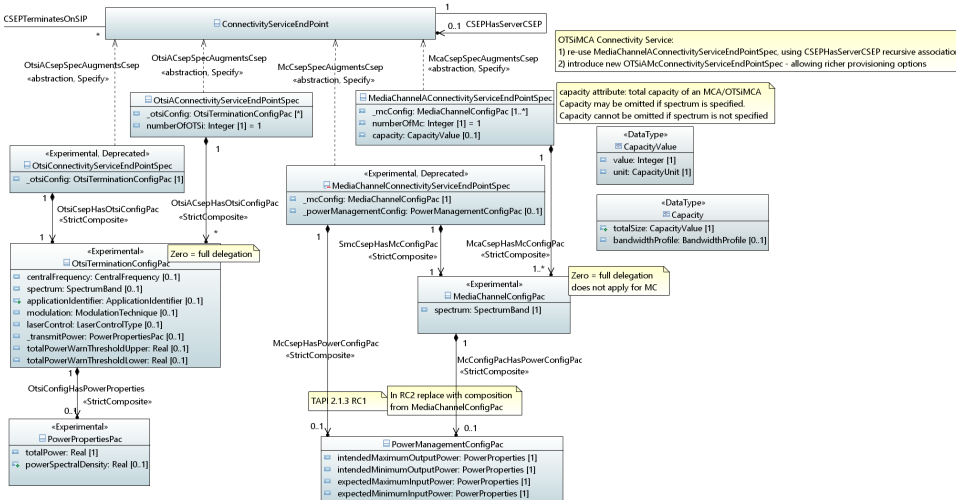
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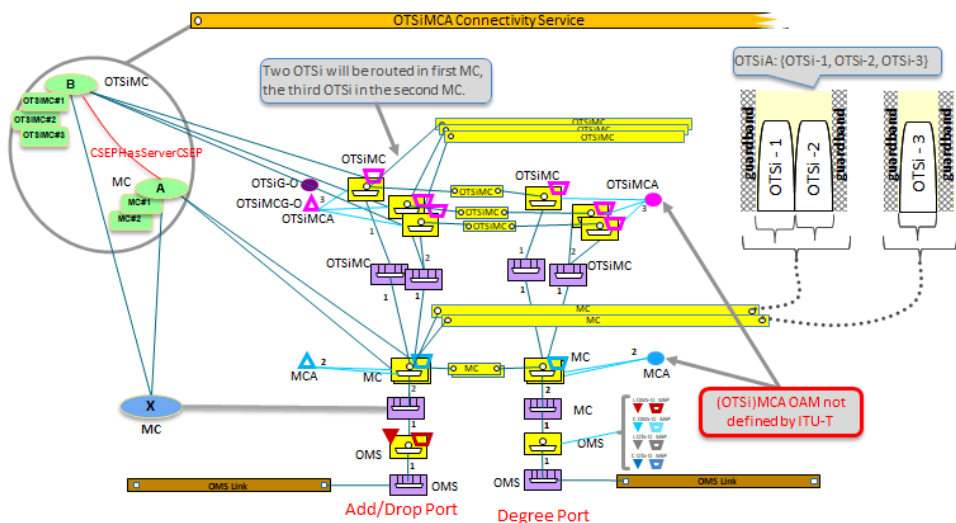
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Review of 2.1.3 RC2 enhancements (#486)

Andrea Mazzini shows the Papyrus diagram of Photonic model (ServiceSpec), updated according to the agreements of 2020-05-04 / 08 TAPI Virtual Meet



- Summary of agreements:
 1. MediaChannelConfigPac, set spectrum attribute as optional [0..1]
 2. MediaChannelConfigPac, keep the [1..*] with MediaChannelAConnectivityServiceEndPointSpec to allow the configuration of power properties i.e. "empty" MediaChannelConfigPac.
 3. Agreed that 2.1.3 will support either input MC/OTSiMC *bandwidth/capacity* or *spectrum* for the MCA/OTSiMCA (*) ConnectivityService provision
 4. Update the Reference Implementation, indicating the deprecated classes (OtsiConnectivityServiceEndPointSpec, MediaChannelConnectivityServiceEndPointSpec)
 5. Track the agreed descriptions in the UML comments of OTSi/MC classes/attributes (e.g. the "full delegation" case)
 6. Solve the abstraction name clash by renaming the "old" abstraction Csep-OtsiConnectivityServiceEndPointSpec. This will not break the backw:
 7. Select option 1, i.e. for the provisioning of OTSiMCA ConnectivityService reuse the MediaChannelAConnectivityServiceEndPointSpec, leverag EP recursive association in case of combined provisioning:



(*) Arturo Mayoral recalls the agreement that assembly related Layer Protocol Qualifiers (OTSiA, MCA, OTSiMCA) are not used, as the assembly is mode

- Andrea Mazzini to perform agreed modifications to 2.1.3, produce YANG and TREE modules including them in the Github commit
- Arturo Mayoral to help for OAS (OpenAPI Specifications) generation
- Arturo Mayoral to update the RIA

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Review of 2.3 /NMR enhancements (#487)

Andrea Mazzini provides a summary of #487 request:

1. TapiOdu: OduOamService augments OamService, to provision MEG level
2. TapiOdu: added ODU CSEP StrictComposite stereotype
3. TapiConnectivity: Alignment to 2.1.3 - new ResilienceRoutePac class, with attributes:
 - priority (integer)
 - routeState (yes/no/unknown)
4. TapiConnectivity: Removed Layer Protocol Name from ConnectivityService
5. TapiConnectivity/Oam/Topology/PathComputation/VirtualNetwork: Restored inheritance to global class

1 5 m ins	Discus s work plan with TAPI, in particul ar for T35 and T41 (see O IMT Virtual Face to Face Week of April 13)	N ig el D a vis K a rt hi k S et h u r a m an	<p>T35: introduction of LTP <i>port</i> (not backward compatible)</p> <ul style="list-style-type: none"> • Karthik Sethuraman asks whether the <i>port to port</i> relationship (e.g. Link port with LTP port) is similar to an <i>association class</i>. <ul style="list-style-type: none"> • TMF is using the association class concept in its defined OAS. • Nigel Davis when the ports are not linked they are anyway present to model their potential for binding. • Karthik Sethuraman and Nigel Davis agree that the port can be modeled as a specification class, considering that e.g. the <i>port role</i> must be extensib <p>Agreed that more discussion is necessary but currently no impacts are expected on TAPI.</p> <p>T41: Identity Model (not backward compatible)</p> <ul style="list-style-type: none"> • Nigel Davis we need to agree an <i>identification strategy</i> <ul style="list-style-type: none"> • In TAPI we have both UUID and Local Id, further discussion is necessary.
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