Agenda Plan of 2019 March 18-22 ONF OIMT & OTCC Sydney Meeting

Daily meeting sessions

- P1 (09:00 – 10:30 Sydney) (6:00 pm - 7:30 pm New York, day before) (3:00 pm -4:30 pm San Francisco, day before)
- P2 (11:00 – 12:30 Sydney)
- P3 (13:30 – 15:30 Sydney)
- P4 (16:00 – 17:30 Sydney)

ZOOM link: https://ciena.zoom.us/j/658668041 continuously for the whole week

Minutes: 2019-03-18~22 OIMT & OTCC Sydney Meeting Notes

Agenda plan

Day	Period	Topic (Lead & Work Item)	Document / Link	Comment
Monday 18th	1.1	• C9 **Job model** (CH #57)	• ONF_T57_JobTask.pptx	
		• C7 **Identify model** (CH #41)	• ONF_T41_IdentityImplementation.pptx	
	1.2	• T8 **Link capacity** (MB)	• oimt2019.MB.001_representation-of-capacity.docx (MB)	
	1.3	• T1 **Connectivity & Topology** (KS, AM)	• https://wiki.opennetworking.org/download/attachments/259719184/TAPI%20Topology%20%26%20Connectivity%20Enhancements.pptx?api=v2	
	1.4	• T3 **Topology Pac** (ND)	• oimt.2019.ND.003.00_TopologyAndFcProperties.pptx (ND)	
		• T6 **TAPI VN** (KS, ND)	• oimt.2019.ND.004.00 _VnServiceResourceReallyCapability&UseViaIntent.pptx (ND)	
Tuesday 19th	2.1	• T12 **Photonic connectivity** (AM, KS)	• oimt2019.AM.001_TAPI PhotonicConnectivityModel.pptx (AM)	Send ZOOM invitation to Stephane & Stephen to dial-in
	2.2	• T9 **ML Transitional link** (AM)	• otcc2019.AM.002.00-Multilayer_Scenarios.pptx (AM)	
	2.L	• C14 **Datatype** (All)	• Entities and Datatatypes ONF.pptx (CH) • Entities and Datatatypes ONF.docx (CH) • oimt.2019.ND.005.00_DataTypes.pptx (ND)	
	2.3	• C1 **Equipment** (ND #8)	• oimt.2019.ND.006.00_EquipmentNotes.pptx (ND)	Will be using the model from TAPI Github https://github.com/nigel-r-davis/TAPI
	2.4	• C1 **Equipment** (ND #8)		
Wednesday 20th	3.1	• T12 **Alarm/TCA Notification/OamProfile Framework** (KS, AM)		

	3.2	• T4, T5 (& C11) **Catalog driven API & Operation pattern** (KS)	Also use • oimt.2019.ND.004.00 _VnServiceResourceReallyCapability&UseViaIntent.pptx (ND) [From Monday] • TR-512.10_OnfCoreIm-InteractionPatterns.docx [From TR-512 v1. 4 deliverable] • oimt.2019.ND.007.00_IntentionAndOperationsPatterns.pptx (ND)	
	3.3	• C2 **LTP Port** (ND #53)		
	3.4	• C3 **IP model** (KL #9, #53)	• oimt2019.KL.002.00_Scope&Approach-of-IP-WorkItems.pptx	
		• C6 **Model refactoring** (CH /ND #13)		
Thursd ay 21st	4.1	• T2 **Routing** (AM)		
	4.2	• C8 **Streaming** (ND #39)	oimt.2019.ND.009.01_ProvidingAndMaintainingAView.pptx (ND)	
	4.3	• C5 **Spec re-work** (ND #37)		Contribution will be late
	4.4	• C5 **Spec re-work** (ND #37 (#44, 56, 58))		Contribution will be late
Friday 22nd	5.1	• C4 **TOSCA profile** (CH #55, #26?)		
		• C13 **Profile & Template** (N D #57)	oimt.2019.ND.008.00_PropertyValueProfiles.pptx (ND)	
	5.2	• Review of work item XLS & F2F action items (KL)	• oimt2018.KL.001.16_oimt-work-items.xlsx	

Key topics (Pink updates are input from the March 5 TAPI call)

- **Key Core model topics: (8.5 slots)**

1. #8 **Equipment** enhancements (TAPI equipment modeling) (*Color code: This color means Have material already*) **2 slots**
    - Complete TAPI equipment (attach to NEP and CEP etc.), including determine which parts we need,
    - examine expectation/actual model, and validate the approach
    - Define the equipment spec model (which is not in place in the core)
2. #35 **LTP port** (TAPI integration) - **1 slot**
3. #9 **IP** switching, #53 IP Segment routing (to support 5G, complement SG15 work) (Kam **1/2 slot**)
4. #26 Intent/Constraint, #55 **TOSCA Profile** (*Color code: This color means Ready to go*) (CH - **1/2 slot**)
5. #37 **Spec** re-work, #44 Refactor LTP Spec to be Comp-Sys Spec, #56 Simplied Spec model, #58 Specification Pattern for new comer, including Thorsten's (Core model extension) work request (TAPI critical) **~2 slots**
6. #13 **Model refactoring** (*Color code: This color means New agenda item*) CH/ND - **1/2 slot**
7. #41 **Identity model** investigation + other global class attributes (state etc.) (Ready to go) (CH - **1/2 slot**)
8. #39 Event driven solution investigation, including Streaming (TAPI) **1 slot**,
9. #43 Operation pattern for general task (ND), #57 **Job** Task process model, (CH - **1/2 slot**)
10. ~~(related to #54) Managing **Cloud Native** (Kubernetes, Istio, Containers)~~
11. **Catalog consideration** in TMF, MEF, ONAP, TOSCA, ~~#55 TOSCA Profile (covered by TAPI item T4)(moved to C4)~~
12. ~~Examine the **storage pattern** and the model that relates the views (?) (CH, ND) (from T7)~~
13. Profile & Template (Thorsten requirement) #57
14. Entities and Datatypes

NOTE: Description of OIMT work items are in oimt2018.KL.001.14_oimt-work-items.xlsx

- **Key TAPI topics (8 slots)**

1. Enhancement (including re-factoring) of the **connectivity and topology** models (KS, AM) **1 slot (Total 3 slots including subtopics)**

    a. **T3 Topology Pac (1/2 slot)**
    b. **T1 Connection/Route relationship to topology (1 slot)**
    c. **T8 Link capacity (1 slot)**
    d. **T6 Virtual network (1/2 slot)**
2. **Routing** constraint & Resilience (need this for 2.2), related to #26 (AM) **1 slot**
3. How to use the **topology Pacs** in TAPI (ND) **1/2 slot**
4. Specification model for **Catalog driven API** (KS) **1.5 slot 1 slot (Total 2 slots including subtopics)**
    a. **T4 Operation patterns (1 slot)**
    b. **T5 Catalog driven API (1 slot)**
5. Configuration v state, CRUD pattern, **operation patterns**, intent, RPC v Action (related to Core item 9) (KS) **1.5 slot 1 slot**
6. Revisit the **TAPI virtual network** (What is the difference between VN Service End Point vs Service Interface Point), Service v resource (ND) (related to TAPI item 1) **1/2 slot**
7. Examine the **storage pattern** and the model that relates the views (**?**) (CH, ND) **C12**
8. Examine **Link capacity** allocation pattern (MB). Work towards the goal of Virtual Network **1 slot**
    - The point problem is relatively straight forward
    - The two ended link brings in the most basic form of graph
    - We can build from the above towards more complex graphs towards the full network problem
    - Eventually this will lead to system - system mapping (PC graphs)
9. Multilayer **transitional link** scenario (need this before 2.2) (AM) **1 slot**
10. **Photonic connectivity 1 slot**
11. ~~ONAP usage of TAPI~~
12. Alarm/TCA Notification/OamProfile Framework

Aim to finalize the agenda plan by Feb. 18

This is the original table. It will be deleted once the table above has been reviewed.

Day	Period	Topic	Document / Link	Note
Monday 18th	1.1	• T1 **Connectivity & Topology**		KS, AM
	1.2	• T2 **Routing**		AM
	1.3	• C1 **Equipment**		ND #8
	1.4	• C1 **Equipment**		ND #8
Tuesday 19th	2.1	• T8 **Link capacity**		MB
	2.2	• T9 **ML Transitional link**		AM
	2.3	• C2 **LTP Port**		ND #35
	2.4	• C3 **IP model** & C6 **Model refactoring**		KL #9, #53 & CH/ND #13
Wednesday 20th	3.1	• T5 **Operation pattern**		KS
	3.2	• C9 **Job model** ~~& T5 **Operation pattern** &~~ **T12 Photonic connectiivty**		KS CH #57
	3.3	• T3 **Topology pac** & C7 **Identify model**		ND CH #41
	3.4	• C8 **Streaming**		ND #39
Thursday 21st	4.1	• T4 (& C11) **Catalog driven API**		KS
	4.2	• T6 **TAPI VN** ~~&T4 **Catalog driven API** &~~ **T12 Photonic connectivity**		KS

	4.3	• C5 **Spec re-work**		ND
	4.4	• C5 **Spec re-work**		ND
Friday 22nd	5.1	• C4 **TOSCA profile**		CH #55
	5.2	• Review of work item XLS & F2F action items		KL