# Transport NBI DT - 17 May 2017

## Participants

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* Sergio Belotti
* Young Lee
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## Agenda

1. Plan for the next steps
2. Current status of inter-SDO discussions
3. Analysis of use case 1
4. AOB

## Notes

### 1) Plan for the next steps

#### Pending Open Issues

Slides 18-19 of tnbi-analysis-uc#1-260417.pptx:

* How MDSC knows which TSs are available on the access links?
* Can PNC suggest label(s) to MDSC?

Working assumption: PNCs report the list of available TSs on the access links and MDSC decides which TS to use and configure the seleted TS as part of the Tunnel creation operation.

**Action (Italo) - Validate this working assumption via DT mailing list. Target is to close the issue at the next DT call.**

Slide 18 of tnbi-analysis-uc#1-260417.pptx: RESTconf operation sequence

To be discussed with the TE Tunnel authors

**Action (Sergio) - Raise the question to the TE Tunnel authors and inform the DT about the answers**

Should the DT also consider the YANG Transport Service Model (draft-zhang-ccamp-transport-ctrlnorth-yang)?

Is it applicable only at the CMI or also at the MPI?

Working assumption: review the draft within the DT during use case analysis and check whether it is useful to support some use cases in the DT

**Action (Sergio) - Review draft-zhang-ccamp-transport-yang-gap-analysis and check if there is some text that could be re-used in the DT drafts**

From Sergio:

<<

I think that even if some text in the draft is a little old (and overcome by work on going) , there are some parts that are worthwhile adding in our context.

Chapter 3: High-level requirements

There is text on generic requirements that can be still used . Topological requirements can be also used (in particularly for link, the other were not completed)

Chapter 4: in the 4.1, 4.2 , data center interconnection and multi-domain scenario is described with text that can be re-utilized in our new use cases draft.

4.3 on multi-layer is still on embryonic phase (more info of the former github [Transport-usecases-github] to be checked) . 4.4 is presenting mapping table between functions and related Yang model. The table here is usefull but probably not updated to the last version of different drafts. More info can be found for this issue in https://tools.ietf.org/html/draft-zhang-teas-actn-yang-04 even if not mapped on functionality but on typical ACTN three interfaces. All the three section should be more completed, even if for virtual network some useful text (session 5.1.3) is present.

Chapter 5: The session is presenting the gap analysis related to the mapping table of functions-yang models . basically the three functionality analyzed for topology prospective are: access point, how to obtain topology and Virtual network creation .

5.2 is talking on tunnel model but no text to be re-utilized in my view.

5.3 is related to service request , mentioning the draft draft-zhang-ccamp-transport-ctrlnorth-yang but no clear distinction between service model and tunnel model is made:

“This transport connectivity service model is different from the model of a tunnel since the transport connectivity service model are enforced over the client-server interfaces, and it hides unnecessary provider network details from a client.

>>

Check with the DT mailing list that there is support among all DT members to use JSON on-line editor

Check still on-going.

Young Lee has proposed to use Notepad++ for creating YANG models.

Need to investigate ift there are other tools e.g., using XML.

**Action (Yang) - Check if there are other tools to help writing examples in JSON or XML**

#### Next Steps

Need to start analysing one new use case: EPL service for Use Case 1 (UC#1) proposed.

Missing volounteers to start the work.

### 2) Current status of inter-SDO discussions

Postponed to next DT call

### 3) Analysis of use case 1

A JSON file has been created using on-line JSON editor for the anlaysis in tnbi-analysis-uc#1-260417.pptx:

<https://github.com/danielkinguk/transport-nbi/blob/master/Meetings/2017-05-17/use-case-1-odu2-service.json>

Need to be reviewed by the DT: feedbacks invited via mailing list.

### 4) AOB

None

## Note takers (feel free to add your name here):

* Italo Busi

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