## Attendees

- Sergio Belotti

- Italo Busi

- Young Lee

- Carlo Perocchio

- Daniel King

- Dieter Beller

- Gianmarco Bruno

- Haomian Zheng

- Karthik Sethuraman

- Michael Scharf

- Ricard Vilalta

- Xuyunbin

- Young Lee

- Yuji Tochio

## Agenda

1. Updates on the Use Case I-D

2. Initial contributions on Analysis of Use Case 1 3. AOB

## Discussion Topics

1. Use case I-D

- We will use Word for change modification management

- New submissions will also need to mention revision number and append filename with initials

- Will consider using document check-in/check-out in future revisions

- Dan and Italo to spin a new version weekly based on submitted updates

2. Initial contributions on Analysis of Use Case 1

- OTN Topology Contribution will need to be reviewed by Topology sub-design team (Ricard and Young)

- Use L1 topology I-D from Xian and check applicability to this use case

- Xian’s I-D does seem to cover ODU2 access link scenario, but this needs to be clarified

## Specific questions during Set of Questions PPT Review

[Slide ODU2 Tunnel Setup]

Q. How do we know which ODU timeslot for the access links? Open issue.

Q. From topology abstraction standpoint, we may want to know how many ODUs are available (available BW), but not which specific ones? Yes, this is enough for topology abstraction, unlike service abstraction that would require specific knowledge of which ODUk was available.

Q. Should the label be the attribute of the "unnumbered link"? To be discussed.

[Slide ODU2 Connection: TEAS Tunnel Model Instantiation]

Q. What is in scope for Transport PNC? The C-R1 (PKT -> ODU2) and C-R3 (ODU2 -> PKT) adaptations not controlled by Transport PNC.

[Slide ODU2 Connection: TEAS Tunnel Model Instantiation]

Q. Not clear how to get information about the router-id and interface-id from the TE topology. Also not clear how to use the label to identify the spcecific ODU2.

In summary, the open questions and current actions:

* How can we get information regarding the ingress and egress point of the transit tunnel (router-id and interface-id)?
  + The router id can be the te-node-id in the teas-topology
  + The interface-id can be the te-tp-id in the teas-topology
* How the specific ODU2 (e.g., TS information) to be used on the access links is configured
  + Some negotiation process is needed
  + It may depend on how this information is selected:
    - If selected by the NE/PNC, it is communicated by the PNC to the MDSC after the Tunnel has been setup
    - If selected by others (e.g., MDSC), it should be communicated by the MDSC in the ERO elements when the Tunnel setup is requested
  + Current assumption: the MDSC selects the specific ODU2
* If MDSC selects the ODU2 to be used on the access link it is not clear how it could get the information about the available TSs among which it can select
  + Possible conclusion: it is beneficial not to advertise the available BW in terms of number of containers but we advertise which particular container is available. This information may be needed only for Tunnel configuration while for path computation this information is not needed

Action (Sergio) – Check with TE Tunnel model experts for clarification

Action (All DT) – Continue to investigate the open issues described above