# Transport NBI DT - 31 May 2017

## Participants

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## Agenda

1) Use of Path Computation for label range negotation on access links  
2) JSON example for the ODU2 transit service for Use Case 1  
3) AOB

## Notes

### 1) Use of Path Computation for label range negotation on access links

- The problem exist to identify usable labels for an e2e path crossing (single or multiple) ‘black’ domains, when label restrictions are present either inside domains or on inter-domain links.  
- We need to look at solutions, including ones based on PCE and using MDSC, for label constraint and impairment based computation  
- Additional information would need to be collected and provided to the domain controller required for e2e path computation  
- It may be possible for the choice of labels on inter-domain links of the e2e path to be delegated to the "domain controller", in the case of ACTN architecture it is the MDSC  
- In the signalling the problem is already solved during the establishment of the path.  
- Need to develop a problem statement and impact on existing protocol (PCEP) for both stateful and stateless PCE  
It would be good to have this capability supported in both the TE Tunnel model and in the Path Computation RPC.Need to understand how the YANG models can be updated to support this approach. For example we can do this to modify ERO in tunnel model to permit not only single label but a range of .  
  
**Action (Carlo) - start preparing an initial proposal of how to update the te-path YANG model that would be used by both TE Tunnel model and Path Computation RPC**

### 2) JSON example for the ODU2 transit service for Use Case 1

- Need to raise issue with YANG tools team to understand reason for errors  
- Need to decide how best to add comments post validation of YANG code

### 3) AOB

Planning for next on Wednesday June 14th at the usual time.

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

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