LMP extensions for G.709 Optical Transport Networks

CCAMP WG, IETF 84th, Vancouver, BC, Canada

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Authors & Contributors

Changes from Version 05

Overview:

When do we need LMP for ODU capability discovery?

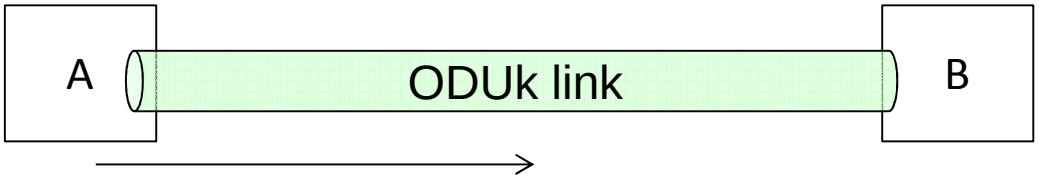
- For link property correlation
- LMP is optional
- One typical scenarios is when routing is not present (e.g., UNI)

Update:

- No major changes, just to reactivate it
- Since routing and signaling drafts become stable, now it's time to start discussing the discovery aspect

Discussion

- What ODU capability info should be discovered?
  According to [**OTN-Framework**]:
  - TSG
  - ODU hierarchy capabilities
  - T&S capabilities



LMP discovery:

- Supported TSG type (2.5G or 1.25G or both)
- Supported muxing hierarchy (ODUi -> ODUj -> ODUk)
- Termination & Switching capabilities

Next Steps

- Continue the work on LMP for OTN
- Modify the ODU capabilities to be discovered by LMP according to the feedback from the discussion or mailing list