Applicability of Abstraction and Control of Traffic Engineered Networks (ACTN) to Packet Optical Integration (POI)

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I-D Use Cases (Recap)

1. Inventory, Service and Topology Discovery
   - Inter-domain link discovery
   - Multi-layer IP Link discovery
   - Inventory discovery
   - TE paths discovery

2. Establishment of L2VPN/L3VPN with TE requirements
   - Optical Path Computation
   - Multi-layer IP Link Setup and Update
   - TE Path Setup and Update
Status

• Updates since IETF 116 (version 08)
  – Clarified applicability of L3-TE Topology Model
  – Added support of mixed fixed-grid and flexible-grid WDM networks
  – Clarified configuration requirements for LAG (gap identified)
  – Added description of Muxponders in WDM network
    • Gap identified and already addressed by CCAMP WG
  – Generalized description for Ethernet and CBR connectivity services to support IP links over Optical Networks
  – Added text to describe L2/L3 VPN traffic steering configuration
  – Added text to describe multi-layer SRLG configuration
  – Editorial updates

• Issue tracking and current version available on Git
  – https://github.com/FabioPeruzzini/actn-poi/issues
Next Steps for this draft

• Planned updates to the document
  – Editorial and terminology clean-up
  – Add Operational Considerations
  – Improve Security section

• Resuming bi-weekly ACTN POI calls after IETF 119
  – Starting from April 9

• Be ready for WG Last Call before IETF 120