draft-dharini-ccamp-dwdm-if-yang-00
draft-dharinigert-ccamp-dwdm-if-lmp-01
draft-galikunze-ccamp-dwdm-if-snmp-mib-01

IETF 95 – CCAMP WG

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Changes in names

1. Changed name from
   - New: draft-dharini-ccamp-dwdm-if-yang-00
   - Old: draft-dharini-netmod-dwdm-if-yang-00
   - Predecessor: draft-dharini-netmod-g-698-2-yang-04

2. Changed name:
   - new: draft-dharinigert-ccamp-dwdm-if-lmp-01
   - old: draft-dharinigert-ccamp-g-698-2-lmp-10

3. In line with draft-galikunze-ccamp-dwdm-if-snmp-mib-01
   - Predecessor: draft-galikunze-ccamp-g-698-2-snmp-mib-12
Figure 5-3 – Linear "black link" approach for bidirectional applications
YANG considerations

• The YANG Data model shall be used for configuration
  – The YANG data model is independent of a controller architecture. Hence EMS structures are out-of scope
    check out for framework draft
  – Write option for power is optional (if the device supports it)
  – Interfaces where Wavelength is signaled via RSVP-TE may change wavelength dynamically when re-routed. A notification is required to indicate the change
LMP Considerations

• LMP covers the discovery/parameter-negotiation use case

• Discovery determines the limitations of the single channel interface to a WDM line system

• LMP is not used for configuration or provisioning and there is no mentioning of configuration or provisioning in this draft
Extension to the Link Management Protocol (LMP/DWDM -rfc4209) for Dense Wavelength Division Multiplexing (DWDM) Optical Line Systems to manage the application code of optical interface parameters in DWDM application draft-dharinigert-ccamp-dwdm-if-lmp-01

This document defines extensions to [RFC4209] to allow a set of characteristic parameters, to be exchanged between a router or optical switch and the optical line system to which it is attached.
SNMP-MIB Considerations

• Due to re-shuffling of names in other draft decided to keep SNMP-SET in order to maintain a consistent set of drafts

• Next version will mark SET as depreciated and point to draft-dharini-ccamp-dwdm-if-yang for configuration

• Interfaces where Wavelength is signaled via RSVP-TE may change wavelength dynamically when re-routed. A notification is required to indicate the change
Next Steps

• Stop continuous re-naming of drafts

• Streamline individual drafts and wording to align with the framework

• Keep in mind: LMP is not for configuration!

• Depreciate the set option in SNMP and focus on YANG for configuration

• Solicit feedback/comments from the group.
Thank You!