Interworking of GMPLS Control and Centralized Controller System

CCAMP WG, IETF100, Singapore

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Motivation of this work

DP = Data Plane;
CP = Control Plane (with GMPLS)
Objectives

• Checking Architecture from functionality
• Applicability Analysis
• Potential Gap Analysis, for example:
Example: GMPLS + ACTN

1. How GMPLS help report topology to Controllers?
2. How the MDSC get the info of inter-domain link?
3. What interaction required in RSVP for setting up inter-domain LSP?
4. What interaction required for in protection/Recovery?
Issue & Next Step

• Bring more details
  – Describe some typical interworking scenarios
  – Gap Analysis

• Invite Expert to review and comment
  – Confirm in WG this work is useful;