

PCEP Extensions for Remote-Initiated GMPLS LSP Setup

draft-ali-pce-remote-initiated-gmpls-lsp-03.txt

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Outline

- **Scope and Summary**
- **Summary of Changes**
- **Next Steps**

Scope and Summary

- **PCEP Extensions for PCE-initiated GMPLS LSP Setup in a Stateful PCE Model.**
- **Extends draft-ietf-pce-pce-initiated-lsp for GMPLS.**
 - **PCInitiate message is extended to include GMPLS specific PCEP objects.**

Summary of Changes

- **Addressed all outstanding comments from the WG.**

Next Steps

- **We would like to make this draft a WG Document.**



Thank You.

Backup Slide

GMPLS Changes for Remote-Initiated LSPs

- **Support for multiple switching capabilities.**
- **Support for encoding type to be used by the LSP.**
- **Support for G-PID to be carried by the LSP.**
- **Technology specific Traffic Parameters.**
- **Support for Asymmetric Bandwidth.**
- **Support for unnumbered interfaces [RFC3477].**
- **Explicit label control.**
- **GMPLS protection and restoration [RFC4872], [RFC4873], etc.**
- **Specification of switching layer to be included or avoided.**