

# Distribution of TE LSP State using BGP

draft-ietf-idr-te-lsp-distribution-03

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# Overview

- Provide a mechanism for collecting TE LSP states
- Based on the BGP-LS architecture
  - unified protocol for network layer information distribution
- Complimentary to the PCE based LSP report
  - Some LERs may not be PCC
  - Reduced the session overhead with BGP RR

# Updates since WG Adoption

- Add support for Segment Routing TE LSPs
  - A new Protocol-ID needs to be assigned for Segment Routing
- Add “Operational Considerations” section
  - Align with the BGP-LS base document
- Update the TE LSP objects list in the LSP State TLV
- Update the IANA section

# Comments Received

- How to specify the switching type of non-packet LSPs?
  - A: could use the Generalized Label Request Object in the LSP State TLV
- How to distinguish RSVP and PCEP objects?
  - A: could define top level TLVs based on the source of TE LSP information
  - e.g. RSVP, PCEP, etc.
- Authors would like to discuss the solutions for these comments, then update the draft accordingly

# Next Steps

- Solicit more review and comments
- Revise the draft accordingly