PCEP extensions for GMPLS

PCE WG, IETF 83,

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Difference from 04

- Minor editorial points (formatting, references)
- LABEL_SET is removed, this information should be included in the ERO (CCAMP extensions were proposed)
- New information:
  - LABELs can be explicitly included or excluded (IRO/XRO)
  - OLD Label in the endpoints
IRO/XRO Label support

• Support for Explicit label control in the PCReq
• Extend PCEP to match RSVP capabilities.
• RRO does not contain the endpoint information
• In case of re-optimization, the label on the endpoint may change
• If the Label information is available to the PCE, the PCE need to know that the label on the endpoint can be reused or not, similar to the RRO
Next Steps

• The document addressed the comments raised
• Authors think the solution is ready for Last Call,
  • Last call together with reqs.
Questions?