PCEP extension to support Segment Routing Policy Candidate Paths

draft-ietf-pce-segment-routing-policy-cp

M. Koldychev – Cisco Systems (mkoldych@cisco.com) – Presenter
M. Sivabalan – Ciena Corporation (ssivabal@ciena.com)
C. Barth – Juniper Networks (cbarth@juniper.net)
S. Peng – Huawei Technologies (pengshuping@Huawei.com)
H. Bidgoli – Nokia (Hooman.Bidgoli@Nokia.com)
Recent changes

• Minor editorial updates.
• Added statement that the RRO (RSVP Record Route) object with SR Policy not recommended.
Use of RRO object with SR Policy

- RRO is an optional object in RSVP-TE Path and Resv messages.
- Records additional information about the midpoints (IPs, Labels, etc.)
- Used to build FRR bypass tunnels (learn the LSP label at merge-point).
- Used to learn about loose-hop expansion at the mid-points.

RRO has no meaning in the SR Policy Architecture [RFC 9256].

Added statement:

“PCEP speakers SHOULD NOT send the RRO object for an SR Policy.”
Next steps

• Draft has been fairly stable
• Ready for WGLC?