



IETF 110 – Online
PCE Working Group

PCEP Operational Clarification

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Recent updates

Version-03

- RRO object usage in Segment Routing

RRO in Segment Routing

- The original PCEP RRO object is taken directly from RSVP-TE
- In RSVP-TE the RRO is OPTIONAL, meaning that an RSVP-TE LSP can be setup using ONLY the ERO object, without RRO
- In RSVP-TE the RRO is used for functions like label recording along the route which is used for FRR Node Protection, for example
- It is not clear how/if this applies to SR-TE
- SR-RRO and SRv6-RRO objects were “cloned” from the RRO object, but there is no definition of their purpose in SR-TE
- Propose to use SR-ERO/SRv6-ERO and to NOT use SR-RRO/SRv6-RRO
- This seems to match other vendors implementations

Next steps

- We would like to request WG Adoption of this draft