PCE Operational Clarification & Amendments to Stateful PCEP

draft-koldychev-pce-operational

draft-many-pce-stateful-amendment

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History

When	What
~2016 – today	Lots of multi-vendor interoperability activities
July 2019	draft-koldychev-pce-operational-00 to address interop observations
2019 – 2022	Incremental updates and presented at IETF 105, IETF 110, IETF 114
EOY 2022	Consensus content is valuable for PCE WG adoption
January 2023	PCE WG consensus to split document between Informational and RFC update
July 2023	draft-koldychev-pce-operational-07 Document expired
March 2025 (now)	Kick-start …

Document Content

- Introduces stateful LSP bring-up mechanism

    - Optimization on RFC8231

- Describes the separation of PCEP Tunnel and PCEP LSPs

    - Identifiers interpretations, MBB

- Describes clarifications and walk-through operations for Associated LSPs

- Describes clarifications for constraint removal for objects

- Discourages SR-RRO/SRv6-RRO

Recent changes

Next steps

draft-koldychev-pce-operational:

- Reduce authors list down to 5-person limit

- Add a section which discusses PCE Overload for Stateful PCE

draft-many-pce-stateful-amendment:

- Evaluate security & manageability sections

Both documents:

- Address past comments from Adrian *(Thread: "A further review of draft-koldychev-pce-operational")*

- **Seeking WG Adoption**