2026-03-17

PCE WG @ IETF 125

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Internet Engineering Task Force
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IETF

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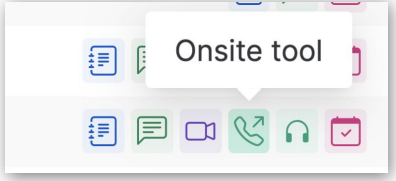
In-person participants

- Make sure to sign into the session via Datatracker or the QR Code in this session.
- Use Meetecho (usually the “Meetecho lite”) client to join the queue, show hands
- *Keep audio and video off if not using the onsite version.*

Remote participants

- Make sure your audio and video are off unless you are chairing or presenting during a session.
- Use of a headset is strongly recommended.



All participants

- State your name each time you begin speaking in the queue

Administrivia

- Minute taker(s)
  - Collaborative minutes
    - https://notes.ietf.org/notes-ietf-125-pce
- Meetecho Etiquette
  - Join the common queue (onsite/remote) via meetecho
    - Do not send audio directly
  - Please state your name before speaking
  - Be mindful of the agenda time
    - Longer discussion on mailing list (or zulip chat)

Usual Reminders

- Please use the mailing list actively!
- Please be more vocal during WG business (WGLC, adoption, etc)!
  - *We are also requesting direct reviews from some WG participants, please continue to provide help*
- Use the WG wiki to track progress - https://wiki.ietf.org/en/group/pce
- Use the WG GitHub - https://github.com/ietf-wg-pce
- Request for early code point allocation when you are planning to interop!

Agenda Bashing

Introduction
1.1. Administrivia, Agenda Bashing
1.2. WG Status
1.3. State of WG I-Ds, open issues and next steps
Stateful PCE
2.1 WGLC changes for multi-path (Samuel Sidor, 10 mins)
draft-ietf-pce-multipath
2.2 Performance Measurements (Rakesh Gandhi, 10 mins)
draft-gandhi-pce-pm
2.3 Amendment to Stateful PCE (Andrew Stone, 5 mins)
draft-many-pce-stateful-amendment
2.4 LSP State Reporting (Samuel Sidor, 5 mins)
draft-sidor-pce-lsp-state-reporting-extensions

Segment Routing
3.1 SR P2MP Policy (Hooman Bidgoli, 5 mins)
draft-ietf-pce-sr-p2mp-policy
3.2 SRv6 Inter-layer network programming (Minxue Wang, 5 mins)
draft-many-pce-srv6-inter-layer-network-programing
3.3 SRv6 Policy SID List Optimization (Zafar Ali, 5 mins)
draft-all-pce-srv6-policy-sid-list-optimization
3.4 MSD Consideration (Zafar Ali, 5 mins)
draft-ali-pce-sr-policy-msd-consideration

Others
4.1 PCEP-LS Optical (Xiao/Adrian, 5 mins)
draft-lee-pce-pcep-ls-optical
4.2 Fine Grain Transport (Liuyan/Minxue, 10 mins)
draft-han-pce-fgmtn-setup
draft-han-pce-ls-fgmtn-reporting
draft-han-pce-path-computation-fg-transport
4.3 Bounded Latency (Quan Xiong, 5 mins)
draft-xiong-pce-detnet-bounded-latency

WG Status

Beyond the WG

- **0** new RFC since IETF 124
- **3** I-Ds in the RFC Editor Queue
  - **draft-ietf-pce-pceps-tls13** (AUTH48-DONE)
  - **draft-ietf-pce-sid-algo** (AUTH48-DONE)
  - **draft-ietf-pce-sr-bidir-path** (MISSREF - *draft-ietf-pce-multipath*)
- 1 I-Ds with the IESG
  - **draft-ietf-pce-circuit-style-pcep-extensions**
    - *Approved-announcement sent*

Early IANA Allocation

- **draft-ietf-pce-multipath**
  - Renewed two times and Expires 2026-05-09
  - In WGLC!
- **draft-ietf-pce-sr-bidir-path**
  - Renewed two times and Expires 2026-11-30
  - With RFC-Editor!
- **draft-ietf-pce-circuit-style-pcep-extensions**
  - With IESG!
  - IANA has acknowledged the move to permanent allocation
- **draft-ietf-pce-sr-p2mp-policy**
  - Renewed two times and Expires 2026-08-27

Others

- Errata
  - No new Errata
- Liaison
  - To PCE [2025-09-12]
    - From ITU-T-SG-15, OTN Work Plan, Issue 35
    - (with ccamp, mpls, teas)
    - https://datatracker.ietf.org/liaison/2065/
    - No action was taken!
  - The latest OTN Work Plan, Issue 36 "For Action" is expected

Status of WG I-Ds, Open Issues & Next Steps

Post WGLC

- **draft-ietf-pce-state-sync**
  - Shepherd Review by Dhruv done on 2025-10-30
    - Authors posted an update
  - Andrew is assigned as a new shepherd
    - Thanks Andrew!

- **draft-ietf-pce-flexible-grid**
  - -13 posted on 2026-02-13
  - Authors posted update handling Shepherd Review (Julien)
  - Andrew's comment in WGLC are pending?
- **draft-ietf-pce-pcep-extension-pce-controller-sr**
  - Thanks Yisong for shepherding
  - Waiting for shepherd review

WGLC “ordered” queue

1. **draft-ietf-pce-multipath**
   Thanks Adrian for Shepherding
   On the agenda
2. **draft-ietf-pce-sr-p2mp-policy**
   Thanks Andrew for Shepherding
   On the agenda
3. **draft-ietf-pce-pcep-ls**
   -05 posted on 2026-03-02

WGLC queue

- **draft-ietf-pce-pcep-ifit**
  - -08 posted on 2026-01-02
  - Implementation section and Operational section missing

- **draft-ietf-pce-stateful-pce-autobw-update**
  - -03 posted on 2025-11-05
    - Updates RFC 8733 to include SR
  - Implementation section and Operational section missing

- **draft-ietf-pce-entropy-label-position**
  - -04 posted on 2025-09-25

- **draft-ietf-pce-pcep-extension-pce-controller-srv6**
  - -06 posted on 2026-03-16
  - Implementation section missing

WG I-Ds (nearing WGLC)

- **draft-ietf-pce-sr-path-segment**
  - -14 posted on 2025-10-13
    - A refresh!
  - But has normative dependencies

- **draft-ietf-pce-pcep-extension-pce-controller-p2mp**
  - -01 posted on 2026-02-10

WG I-Ds

- **draft-ietf-pce-stateful-interdomain**
  - Expired
  - Boris and Oscar promised reviews
- **draft-ietf-pce-pcep-l2-flowspec**
  - -09 posted on 2025-09-30
    - a refresh
  - Has normative dependencies
- **draft-ietf-pce-pcep-pmtu**
  - -09 posted on 2026-02-20
    - a refresh
  - Has normative dependencies
- **draft-ietf-pce-pcep-srv6-yang**
  - -08 posted on 2025-10-14
    - No update
- **draft-ietf-pce-controlled-id-space**
  - -04 posted on 2025-11-25
    - A refresh

WG I-Ds

- **draft-ietf-pce-pcep-bfd-parameters**
  - -02 posted 2026-02-24
    - A refresh
- **draft-ietf-pce-operational**
  - -02 posted on 2025-12-22
    - A refresh
- **draft-ietf-pce-bier-te**
  - -03 posted on 2026-01-06
    - A refresh
- **draft-ietf-pce-pcep-nrp**
  - Adopted on 2025-11-06
- **draft-ietf-pce-sr-mpls-sid-verification**
  - Adopted on 2026-01-15

Thanks!

PCE

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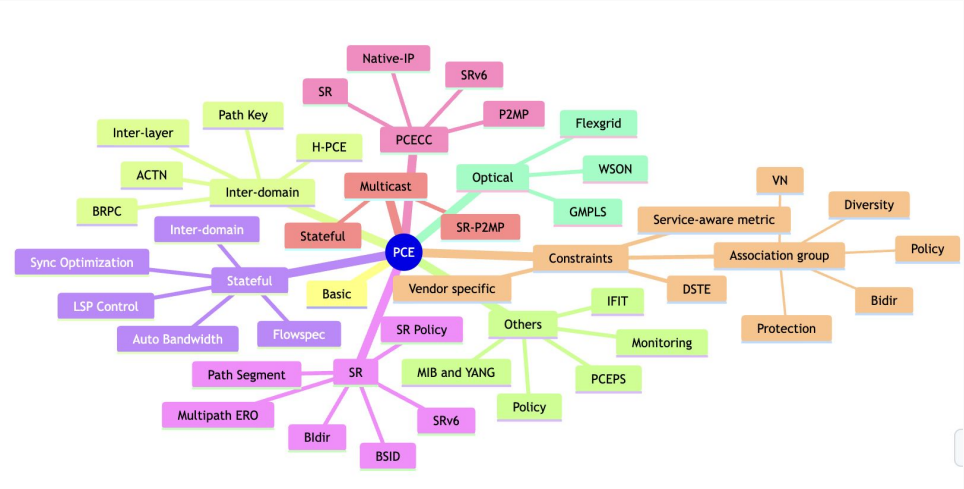
WG Adoption PoII Queue

- Refer to https://wiki.ietf.org/en/group/pce#wg-adoption-call-queue
  - draft-xpbs-pce-topology-filter
  - draft-chen-pce-sr-ingress-protection - *expired*
  - draft-wang-pce-vlan-based-traffic-forwarding

PCEP Extension Mind Map

- Finding your way around the PCEP extensions can be tricky
- Easiest community maintained option is via github
  - WG's Github using Mermaid
  - https://github.com/ietf-wg-pce/mindmap/blob/main/README.md