

19 Nov 2026, Thursday

PCE WG @ IETF 127

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Internet Engineering Task Force
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For advice, please talk to Working Group chairs or Area Directors.

IETF

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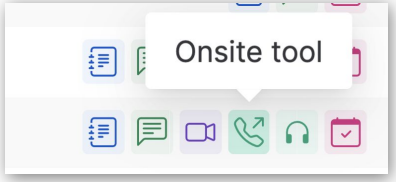
IETF 127 Meeting Tips

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-127-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 Automatic Bandwidth for MPLS-TE and SR-TE (Rakesh Gandhi, 10 mins)
draft-ietf-pce-stateful-pce-autobw-update

2.2 PCEP extensions to support BFD parameters (Marina Fizgeer, 5 mins)
draft-ietf-pce-pcep-bfd-parameters

2.3 PCEP extensions for LSP validation (Marina Fizgeer, 10 mins)
draft-fizgeer-pce-lsp-validation-extensions

PCEP transport and use cases

3.1 PCEP Extension for NRP (Li Zhang/Jie Dong, 10 mins)
draft-ietf-pce-pcep-nrp
draft-dong-pce-cc-nrp

3.2 PCEP over QUIC (Feng Yang, 10 mins)
draft-yang-pce-pcep-over-quic

3.3 PCEP Extension for Fine Granularity Metro Transport Network (fgMTN) (Haibin Huang, 5 mins)
draft-han-pce-fgmtn

3.4 Implicit TLS Profile for PCEP (Zafar Ali, 5 mins)
draft-ali-pce-implicit-tls-profile

Segment Routing

4.1 SRv6 Policy SID List Optimization (Zafar Ali, 5 mins)
draft-all-pce-srv6-policy-sid-list-optimization

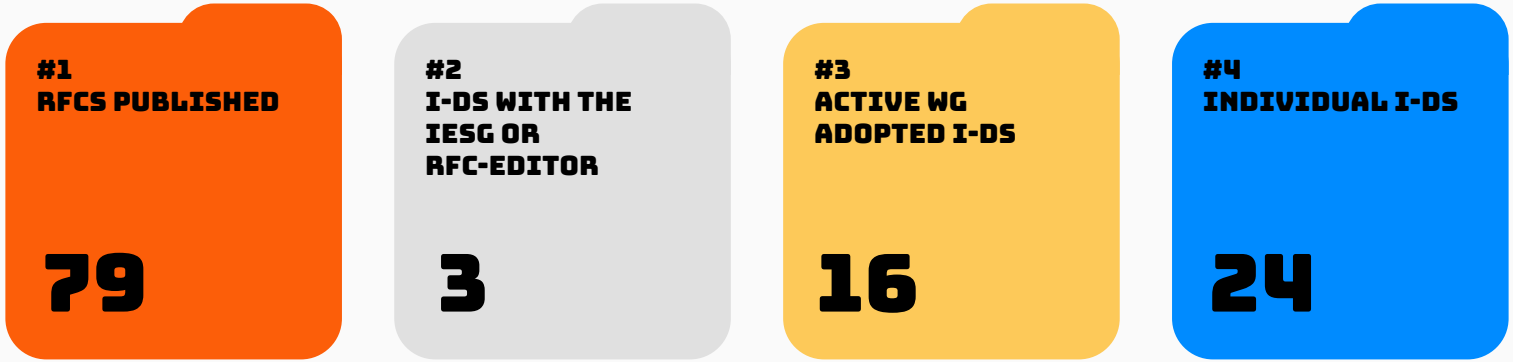
4.2 MSD Considerations (Zafar Ali, 5 mins)
draft-ali-pce-sr-policy-msd-consideration

4.3 Signaling Per-Path Metric (Samuel Sidor, 5 mins)
draft-sidor-pce-multipath-metric



WG Status

State of the WG



* and 6 expired WG I-Ds

Beyond the WG

- **2** new RFCs since IETF 126
  - RFC10067 (was draft-ietf-pce-sr-bidir-path)
  - RFC10066 (was draft-ietf-pce-multipath)
- **1** I-D in the RFC Editor Queue
  - **draft-ietf-pce-circuit-style-pcep-extensions** *(Final Approval Pending)*
- **2** I-Ds with the IESG
  - **draft-ietf-pce-flexible-grid** *(IESG Evaluation::Revised I-D Needed)*
    - *Authors have posted -22 that handles all IESG comments*
    - *Final check on the list before sending to the RFC Editor*
  - **draft-ietf-pce-state-sync** *(AD Evaluation::Revised I-D Needed) - last chance for the WG to check*

Others

- **Early IANA Allocation**
  - **draft-ietf-pce-sr-p2mp-policy**
    - Renewed two times and Expires 2027-08-27
    - Renewed two times and Expires 2027-05-09
    - Post WGLC!
- **Errata**
  - No new Errata
- **Liaison**
  - No new LS



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

Post WGLC

- **draft-ietf-pce-sr-p2mp-policy**
  - Was on the agenda but presentation deferred to address feedback first
  - Shepherd - Adrian
- **draft-ietf-pce-pcep-ls**
  - WG Consensus: Waiting for Write-Up
  - Awaiting Shepherd Review (Julien) since 2026-06-01
- **draft-ietf-pce-entropy-label-position**
  - WG Consensus: Waiting for Write-Up
  - Awaiting Shepherd Review (Andrew) since 2026-10-12

WGLC Queue

1. **draft-ietf-pce-stateful-pce-autobw-update**
   - On the agenda
2. **draft-ietf-pce-pcep-ifit**
   - -09 posted on 2026-07-06
   - Implementation Section is needed

~ draft-ietf-pce-pcep-extension-pce- controller-sr

- Returned back to the WG
- Expired

~ draft-ietf-pce-pcep-extension-pce- controller-srv6

- Expired

WG I-Ds (nearing WGLC)

- **draft-ietf-pce-sr-path-segment**
  - Expired
- **draft-ietf-pce-pcep-extension-pce- controller-p2mp**
  - Expired

WG I-Ds

- **draft-ietf-pce-stateful-interdomain**
  - Expired
  - Boris and Oscar promised reviews
- **draft-ietf-pce-pcep-l2-flowspec**
  - -11 posted on 2026-11-02
    - a refresh
  - Has normative dependencies
- **draft-ietf-pce-pcep-pmtu**
  - -10 posted on 2026-09-16
    - a refresh
  - Has normative dependencies
- **draft-ietf-pce-pcep-srv6-yang**
  - -09 posted on 2026-05-13
    - Model refactoring to make SR as generic container
- **draft-ietf-pce-controlled-id-space**
  - -05 posted on 2026-06-23
    - A refresh

WG I-Ds

- **draft-ietf-pce-pcep-bfd-parameters**
  - on the agenda
- **draft-ietf-pce-operational**
  - -03 posted on 2026-07-05
- **draft-ietf-pce-bier-te**
  - -04 posted on 2026-10-18
    - A refresh
- **draft-ietf-pce-pcep-nrp**
  - -02 posted on 2026-11-02
    - On the agenda
- **draft-ietf-pce-sr-mpls-sid-verification**
  - -01 posted on 2026-10-18
    - A refresh
- **draft-ietf-pce-topology-filter**
  - -02 posted on 2026-11-02
- **draft-ietf-pce-pcep-ls-optical**
  - Recently adopted



Thanks!

PCE

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WG Adoption Poll Queue

- Refer to https://wiki.ietf.org/en/group/pce#wg-adoption-call-queue
  - draft-gandhi-pce-pm
  - draft-all-pce-srv6-policy-sid-list-optimization
  - draft-many-pce-stateful-amendment
  - draft-contreras-pce-pam
  - draft-sidor-pce-binding-label-sid-extensions
  - draft-sidor-pce-lsp-state-reporting-extensions

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

