

21 July 2026, Tuesday

PCE WG @ IETF 126

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For advice, please talk to Working Group chairs or Area Directors.



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IETF 126 Meeting Tips

In-person participants

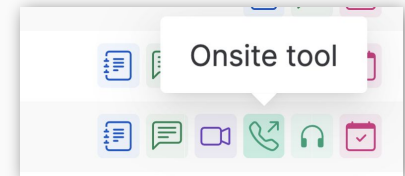
- Make sure to sign into the session via Datatracker or the QR Code in this session.
- Use Meetecho (usually the "Meetecho lite") client to join the queue, show hands
- *Keep audio and video off if not using the onsite version.*

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-126-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 Operational Clarification (Andrew Stone, 5 mins)
[draft-ietf-pce-operational](#)
- 2.2 Stateful Amendment (Andrew Stone, 5 mins)
[draft-many-pce-stateful-amendment](#)
- 2.3 Performance Metrics (Rakesh Gandhi, 10 mins)
[draft-gandhi-pce-pm](#)

Segment Routing

- 3.1 SR P2MP Policy (Hooman Bidgoli, 10 mins)
[draft-ietf-pce-sr-p2mp-policy](#)
- 3.2 Binding Label/SID Extensions (Samuel Sidor, 5 mins)
[draft-sidor-pce-binding-label-sid-extensions](#)

If time permits

- 5.1 PCEP over QUIC (Feng Yang, 5 mins)
[draft-yang-pce-pcep-over-quic](#)

Path compute and use cases

- 4.1 Extensions for Network Resource Partition (NRP) (Jie Dong, 10 mins)
[draft-ietf-pce-pcep-nrp](#)
- 4.2 Path Delay Difference (Yao Liu, 5 mins)
[draft-liu-pce-path-delay-difference](#)
- 4.3 Extensions for Computing-Aware Traffic Steering (CATS) (Quan Xiong, 10 mins)
[draft-xf-pce-cats-service](#)
- 4.4 Precision Availability Metrics (Luis Contreras/Quan Xiong, 5 mins)
[draft-contreras-pce-pam](#)
- 4.5 Implicit TLS in PCEP (Zafar Ali, 5 mins)
[draft-ali-pce-implicit-tls-profile](#)

WG Status



State of the WG



**#1
RFCs PUBLISHED**

77

**#2
I-DS WITH THE
IESG**

6

**#3
WG ADOPTED I-DS**

16

**#4
INDIVIDUAL I-DS**

21

Beyond the WG

- **2** new RFC since IETF 125
 - RFC9933 (was draft-ietf-pce-pceps-tls13)
 - RFC9916 (was draft-ietf-pce-sid-algo)
- **3** I-Ds in the RFC Editor Queue
 - **draft-ietf-pce-circuit-style-pcep-extensions** (*in-progress, awaiting 1st editor*)
 - **draft-ietf-pce-sr-bidir-path** (*in-progress, awaiting 1st editor*)
 - **draft-ietf-pce-multipath** (*formatting, formatting*)
- **3** I-Ds with the IESG
 - **draft-ietf-pce-pcep-extension-pce-controller-sr** (*AD Evaluation::Revised I-D Needed*)
 - **draft-ietf-pce-flexible-grid** (*AD Evaluation::Revised I-D Needed*)
 - **draft-ietf-pce-state-sync** (*AD Evaluation::Revised I-D Needed*)

Early IANA Allocation

- **draft-ietf-pce-multipath**

- Renewed two times and Expires 2027-05-09
- With RFC-Editor!

- **draft-ietf-pce-sr-p2mp-policy**

- Renewed two times and Expires 2026-08-27
- Renewed two times and Expires 2027-05-09
- One registry allocation moved!
- In WGLC!

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-pcep-ls**
 - WG Consensus: Waiting for Write-Up
 - Awaiting Shepherd Review (Julien) since 2026-06-01

WGLC “ordered” queue

1. **draft-ietf-pce-sr-p2mp-policy**

In WGLC

On the agenda

Shepherd: Andrew

WGLC queue

- **draft-ietf-pce-pcep-ifit**
 - -09 posted on 2026-07-06
 - Implementation section missing
- **draft-ietf-pce-stateful-pce-autobw-update**
 - -04 posted on 2026-05-03
 - Implementation section and Operational section missing
- **draft-ietf-pce-entropy-label-position**
 - -05 posted on 2026-05-07
- **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**
 - -15 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**
 - -10 posted on 2026-04-03
 - 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**
 - -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**
 - -02 posted 2026-02-24
 - No update
- **draft-ietf-pce-operational**
 - -03 posted on 2026-07-05
 - On the agenda
- **draft-ietf-pce-bier-te**
 - Recently expired
- **draft-ietf-pce-pcep-nrp**
 - -01 posted on 2026-07-06
 - On the agenda
- **draft-ietf-pce-sr-mpls-sid-verification**
 - Adopted on 2026-01-15
 - Recently expired
- **draft-ietf-pce-topology-filter**
 - Adopted on 2026-05-05



Thanks!



WG Adoption Poll Queue

- Refer to <https://wiki.ietf.org/en/group/pce#wg-adoption-call-queue>
 - draft-lee-pce-pcep-ls-optical
 - draft-all-pce-srv6-policy-sid-list-optimization
 - draft-zhang-pce-resource-sharing
 - draft-chen-pce-sr-ingress-protection - *expired*
 - draft-many-pce-stateful-amendment

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>

