25 July 2024

PCE WG @ IETF 120

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Note Well

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- **BCP 9** (Internet Standards Process)
- **BCP 25** (Working Group processes)
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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 mic queue
  ○ participate in shows of 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.
Administrivia

- Minute taker(s)
  - Collaborative minutes
    - [https://notes.ietf.org/notes-ietf-120-pce](https://notes.ietf.org/notes-ietf-120-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](https://zulip.com) 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 GitHub - [https://github.com/ietf-wg-pce](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

**Segment Routing**
2.1 Carrying SR Algorithm
draft-ietf-pce-sid-algo

2.2 SR P2MP Policy
draft-ietf-pce-sr-p2mp-policy

**Stateful PCE**
3.1 PCE Controlled ID Space
draft-ietf-pce-controlled-id-space

3.2 State Sync
draft-ietf-pce-state-sync

**Others**
4.1 Optical extension for PCEP-LS
draft-lee-pce-pcep-ls-optical

4.2 Precision Availability Metrics
draft-contreras-pce-pam
WG Status
Beyond the WG

- **No** new RFCs since IETF 119
- 3 I-Ds in the RFC Editor Queue
  - draft-ietf-pce-binding-label-sid
  - draft-ietf-pce-pceps-tls13 (MISSREF)
    - Waiting for draft-ietf-tls-rfc8446bis (post WGLC)
  - draft-ietf-pce-segment-routing-ipv6 (AUTH48)
- 4 I-Ds with the AD
  - draft-ietf-pce-pcep-extension-native-ip-30 (2023-12-29)
    - AD review done!
  - draft-ietf-pce-stateful-pce-optional-09 (2024-04-16)
  - draft-ietf-pce-pcep-yang-25 (2024-05-22)
  - draft-ietf-pce-segment-routing-policy-cp-17 (2024-07-05)
Early IANA Allocation

- draft-ietf-pce-segment-routing-policy-cp
  - (1) Renewed and Expires 2025-03-30
  - (2) Expires 2025-02-13
- draft-ietf-pce-pcep-extension-native-ip
  - Expires 2024-08-14
- draft-ietf-pce-multipath
  - Renewed!
  - Expires 2025-05-09

- draft-ietf-pce-sid-algo
  - (1) Requested renewal and Expires 2024-09-13
  - (2) Early Allocation request in progress, awaiting AD approval
- draft-ietf-pce-pcep-color
  - Expires 2024-10-30
- draft-ietf-pce-sr-bidir-path
  - Expires 2024-11-30
- draft-ietf-pce-circuit-style-pcep-extensions
  - Expires 2025-02-23
Others

- Errata
  - No new Errata
- Liaison
  - To ITU-T-SG-15
    - [https://datatracker.ietf.org/liaison/1933/](https://datatracker.ietf.org/liaison/1933/)
    - From ccamp, mpls, pals, pce, teas
    - In response to Issue 33 of the OTNT SWP, the latest version updated by the SG15 during a plenary meeting in November 2023.
    - Deborah responded with an update to include RFC 9504
  - From ITU-T-SG-15
    - To ccamp, mpls, pals, pce, teas
    - [https://datatracker.ietf.org/liaison/1936/](https://datatracker.ietf.org/liaison/1936/)
    - Requesting for updates to the material after Issue 34 of the OTNT SWP, the latest version updated by the SG15 during a plenary meeting in July 2024.
Status of WG I-Ds, Open Issues & Next Steps
Post WGLC

- **draft-ietf-pce-pcep-color**
  - -04 posted on 2024-07-05
  - Thanks Andrew for Shepherding this!
  - Handling of WGLC comments are pending
    - Adrian highlighted the need to clarify “color” and many other comments
    - Diego Achaval asked if “color” can be used for SR-TE (RFC 8664)
    - Andrew provided comments related to multipath and capability exchange
  - Please handle these...
Post WGLC

- **draft-ietf-pce-stateful-pce-vendor**
  - -03 posted on 2024-07-04
    - Handling comments from Adrian
  - WGLC comments from
    - Boris
    - PSF
    - Samuel
    - Andrew
    - Tom Petch
  - -04 posted on 2024-07-25
    - handling these comments!
WG documents “nearing” WG LC

- **draft-ietf-pce-flexible-grid**
  - -10 posted on 2024-07-05
  - Authors moved to XML
  - Added Implementation Section
  - There are pending comments and need for a cleanup!

- **draft-ietf-pce-sr-bidir-path**
  - No update!
  - *Ready for WGLC!*

- **draft-ietf-pce-state-sync**
  - On the agenda

- **draft-ietf-pce-sid-algo**
  - On the agenda

- **draft-ietf-pce-pcep-extension-pce-controller-sr**
  - -09 posted on 2024-07-04
  - Editorial changes
  - *Ready for WGLC!*
WG I-Ds

- **draft-ietf-pce-multipath**
  - -11 posted on 2024-04-08
    - Minor edits
  - Comments from 117 are not handled yet!
    - Going beyond SR Policy architecture
  - Is there a need for per-SL metric?
  - Note that the IANA early allocation expiry is coming up! Please prioritize this work!!

- **draft-ietf-pce-sr-path-segment**
  - No update!
  - Nearing WGLC?
WG I-Ds

- **draft-ietf-pce-stateful-interdomain**
  - -05 posted on 2024-07-05
    - Update in capability
    - New Association
    - New Notifications between PCEs
  - Please review...

- **draft-ietf-pce-sr-p2mp-policy**
  - -06 posted on 2024-06-27
  - On the agenda
  - Requested Early IANA allocation

- **draft-ietf-pce-pcep-l2-flowspec**
  - -06 posted on 2024-06-19
    - Minor edits
WG I-Ds

- draft-ietf-pce-pcep-pmtu
  - -06 posted on 2024-07-08
    - Minor Edits
    - SPRING has adopted the associated draft!

- draft-ietf-pce-pcep-ifit
  - -05 posted on 2024-07-05
    - A refresh!
    - Nearding WGLC?

- draft-ietf-pce-pcep-srv6-yang
  - -05 posted on 2024-03-18
    - A refresh!
  - Error in YANG because of SPRING YANG I-D

- draft-ietf-pce-pcep-extension-pce-controller-srv6
  - No update

- draft-ietf-pce-bier-te-00
  - Expired!
WG I-Ds

- draft-ietf-pce-circuit-style-pcep-extensions
  - -05 posted on 2024-06-10
    - Minor edits
- draft-ietf-pce-entropy-label-position
  - No update
Recently adopted documents

- **draft-ietf-pce-pcep-ls**
  - -01 posted on 2024-05-16
  - Comments received during adoption are handled

- **draft-ietf-pce-controlled-id-space**
  - on the agenda
WG Adoption Poll Queue

  - draft-peng-pce-stateful-pce-autobw-update
  - draft-dhody-pce-pcep-extension-pce-controller-p2mp
  - draft-koldychev-pce-operational (*need to break into 2 drafts*)
  - draft-chen-pce-sr-mpls-sid-verification
  - draft-chen-pce-sr-ingress-protection
  - draft-dong-pce-pcep-nrp
  - draft-fizgeer-pce-pcep-bfd-parameters
Other Notable Discussion on the Mailing List

- Move the “standards actions” registries to “IETF review”
  - to allow experimental RFCs to allocate from that registry
  - draft-dhody-pce-iana-update-02
- Adrian asked if there is interest in experimental code points for Errors-Types
  - Should we do this for error-values too?
  - draft-farrel-pce-experimental-errors-02
- Tom suggested to mark 255 as reserved
  - but this practice needs broader discussion and preferably a consistent approach across registries.
Thanks!