

25 July 2024

# PCE WG @ IETF 120

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- [BCP 25](#) (Working Group processes)
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- [BCP 54](#) (Code of Conduct)
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# Note Really Well

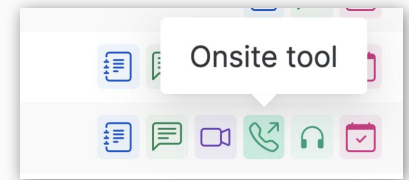
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  - join the mic queue
  - participate in shows of hands
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## Remote participants

- 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>
- 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

## 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/>
    - 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/>
    - 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

- Refer to <https://wiki.ietf.org/en/group/pce#wg-adoption-call-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-paramters

# 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!



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