Path Computation Element

WG Status

IETF 103 - Bangkok

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**Note Well**

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

* BCP 9 (Internet Standards Process)
* BCP 25 (Working Group processes)
* BCP 25 (Anti-Harassment Procedures)
* BCP 54 (Code of Conduct)
* BCP 78 (Copyright)
* BCP 79 (Patents, Participation)
* https://www.ietf.org/privacy-policy/ (Privacy Policy)
Administrivia

• Please, sign blue sheets
• Minute taker(s), jabber scribe(s)
• Audio & video streaming
  – Please speak only using the microphones
  – Please state your name before speaking
  – Presenters, please stay within the pink box

• Julien couldn’t travel: sorry everyone!
  – Please mind audio/video ^
Personnel Change

- Following this meeting, Jon is standing down as working group co-chair
Using the Mailing List

• Please use the mailing list actively to discuss all working group business
• Open issues with drafts should be discussed on the list, and conclusions reported to the list
• New drafts should be introduced to the working group first on the mailing list, to gauge interest
• Working group consensus is determined from the mailing list
• Priority in meetings is given to drafts that have been discussed on the list
Agenda Bashing

1. Introduction
1.1. Administrivia, Agenda Bashing (chairs, 5 min)
1.2. WG Status (chairs, 20 min)

2. Segment Routing
2.1. Path Segment & bi-directional SR (Cheng Li, 15 min)
2.2. PCEP for SRv6 (Dhruv Dhody, 15 min)
2.3. Binding Segment (Jeff Tantsura, 10 min)

3. Optical
3.1. PCEP for Flex-Grid (Young Lee, 10 min)

4. PCE as a Central Controller
4.1. PCECC Extensions for P2MP/SRv6 (Dhruv Dhody, 15 min)

5. Other Topics
5.1. Multi-Layer Association (Quan Xiong, 10 min)
Status of WG I-Ds
Beyond the WG

• One new RFC since Montreal
  – RFC 8408 “Conveying Path Setup Type in PCEP”

• Drafts with the IESG
  – draft-ietf-pce-gmpls-pcep-extensions (IETF last call done)
  – draft-ietf-pce-segment-routing (IETF last call done)
  – draft-ietf-pce-wson-rwa-ext (pending IETF last call)

• Early codepoint allocations
  – draft-ietf-pce-segment-routing (expires August 2019)
  – draft-ietf-pce-stateful-pce-p2mp (expires October 2019)
  – draft-ietf-pce-association-group (expires October 2019)

• Errata
  – RFC 8231 (technical: ABNF for <path> is confusing)
WG documents at or near last call

- With document shepherd
  - draft-ietf-pce-inter-area-as-applicability (new revision published)
  - draft-ietf-pce-stateful-pce-p2mp (pending shepherd review)
  - draft-ietf-pce-hierarchy-extensions (pending shepherd review)
  - draft-ietf-pce-association-group (pending shepherd review)

- In queue for WG Last Call
  - draft-ietf-pce-stateful-pce-auto-bandwidth
  - draft-ietf-pce-applicability-actn
  - draft-ietf-pce-pcep-stateful-pce-gmpls
  - draft-ietf-pce-stateful-hpce (pending hierarchy ext.)
Other WG documents

- New WG items
  - draft-ietf-pce-pcep-extension-for-pce-controller
- draft-ietf-pce-association-diversity, …-policy
- draft-ietf-pce-pcep-yang (YANG doctor review requested)
- draft-ietf-pce-stateful-pce-lsp-scheduling
- draft-ietf-pce-lsp-control-request
- draft-ietf-pce-pcep-flowspec
- draft-ietf-pce-stateful-path-protection
- draft-ietf-pce-association-bidir
- draft-ietf-pce-remote-initiated-gmpls-lsp
- draft-ietf-pce-enhanced-errors
- draft-ietf-pce-pcep-extension-native-ip
Adoption Poll Queue

• draft-lazzeri-pce-residual-bw
• draft-zhao-pce-pcep-extension-pce-controller-sr
• draft-leedhody-pce-vn-association (Igor discussion?)
• draft-zhang-pce-resource-sharing (reconfirm interest?)
Thanks