Path Computation Element WG Status

Julien Meuric (julien.meuric@orange.com)

Dhruv Dhody (dhruv.ietf@gmail.com)

Adrian Farrel (adrian@olddog.co.uk)

Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

• By participating in the IETF, you agree to follow IETF processes and policies.

• If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.

• As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.

• Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.

• As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (https://www.ietf.org/contact/ombudsteam/) if you have questions or concerns about this.

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)

I E T F

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

- We have folks attending remotely
  - Please mind audio/video ☺

Personnel Change

- Dhruv and Adrian are the new co-chairs
  - *Along with Julien*
  - Adrian is temporarily providing help during the transition and would be stepping down before the next IETF

- *Thank you Jon for serving as PCE chair*

Liaisons and Communications

- Incoming:
  - 2019-01-11 ITU-T-SG-15 [LS on OTNT Standardization Work Plan](#)
    - Response sent on 2019-03-22

- General comment
  - Please review incoming documents as received and comment on ccamp@ietf.org and cc pce@ietf.org

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

Using the Wiki

- A way to give you visibility as the document progress through the WG
  - adoption queue
  - WG LC queue
  - balancing work between chairs
  - shepherding responsibilities
  - pending actions
  - IPR polls
- Use this wiki
  - make sure this is up to date!
- https://trac.ietf.org/trac/pce/wiki/WikiStart

Implementation Policy

- Chairs plan to start a discussion on the Implementation Policy for the mailing list
  - Please look out for it
  - Provide your feedback

Agenda Bashing

1. Introduction
1.1. Administrivia, Agenda Bashing (chairs, 5 min)
1.2. WG Status (chairs, 10 min)

2. WG I-Ds
2.1. Stateful PCE for GMPLS (Young Lee, 5 min)
2.2. Enhanced Errors (Zheng Haomian, 10 min)

3. PCE as a Central Controller
3.1. Native IP (Aijun Wang, 5 min)
3.2. PCECC Extensions (Mahendra Negi (remote), 5 min)
3.3. PCE Controlled ID space (Aijun Wang, 10 min)

4. Segment Routing
4.1. SR Policy (Mike Koldychev (remote), 10 min)
4.2. Path Segment & Bi-directional SR (Cheng Li, 10 min)

5. Other Topics
5.1. Stateful PCE Inter-domain (Julien Meuric, 10 min)
5.2. PCEP for BIER-TE (Ran Chen, 10 min)

Status of WG I-Ds

Beyond the WG

- No new RFC since Bangkok
- Documents in RFC editor queue (with MISREF)
  - draft-ietf-pce-segment-routing
  - draft-ietf-pce-wson-rwa-ext
- Drafts with the IESG
  - draft-ietf-pce-gmpls-pcep-extensions (on IESG telechat)
  - draft-ietf-pce-stateful-pce-p2mp (IETF last call done)
  - draft-ietf-pce-hierarchy-extensions (pending AD review)
  - draft-ietf-pce-applicability-actn (pending AD review)
  - draft-ietf-pce-association-group (pending RTGDIR review)
  - draft-ietf-pce-inter-area-as-applicability (pending RTGDIR review)
- Early codepoint allocations
  - draft-ietf-pce-segment-routing (expires August 2019)
  - draft-ietf-pce-stateful-pce-p2mp (expires April 2019)
  - draft-ietf-pce-association-group (expires October 2019)
- Errata
  - RFC 8231 (Editorial: marked intended-attribute-list as optional in the RBNF – Verified)

WG documents at or near last call

- Post WG Last Call, with document shepherd
  - draft-ietf-pce-stateful-pce-auto-bandwidth (awaiting shepherd report – Adrian)
- In WG Last Call
  - draft-ietf-pce-stateful-hpce (ends next week)
    - Authors to handle Shepherd comments
- WG Last Call Queue
  - draft-ietf-pce-stateful-path-protection
  - draft-ietf-pce-association-diversity
  - draft-ietf-pce-lsp-control-request

WG documents (1)

- Near to WG LC queue
  - draft-ietf-pce-association-policy
    - No pending action
  - draft-ietf-pce-pcep-flowspec
    - Gather implementation experience
  - draft-ietf-pce-pcep-yang
    - A new update handling Early Yang doctor review is posted
  - draft-ietf-pce-association-bidir
    - A new version posted handling comments from Marina
- On the agenda today
  - draft-ietf-pce-pcep-stateful-pce-gmpls
    - Merged with draft-ietf-pce-remote-initiated-gmpls-lsp

WG documents (2)

- On the agenda today
  - draft-ietf-pce-enhanced-errors
  - draft-ietf-pce-pcep-extension-for-pce-controller
  - draft-ietf-pce-pcep-extension-native-ip
- Other
  - draft-ietf-pce-stateful-pce-lsp-scheduling
    - Gather implementation experience
- Recently adopted
  - draft-ietf-pce-flexible-grid
    - A new version handling comments during adoption call is posted
  - draft-ietf-pce-segment-routing-ipv6
    - A new version pending handling the adoption call comments

Adoption Poll Queue

- draft-leedhody-pce-vn-association
- draft-zhao-pce-pcep-extension-pce-controller-sr
- draft-sivabalan-pce-binding-label-sid

Thanks