Path Computation Element
WG Status

IETF 101 - London

Jonathan Hardwick (jonathan.hardwick@metaswitch.com)
Julien Meuric (julien.meuric@orange.com)
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)
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 😊
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
1. Introduction
   1.1. Administrivia, Agenda Bashing (chairs, 5 min)
   1.2. WG Status (chairs, 17 min)
2. Other WGs’ I-Ds
   2.1. Flagging MD5 out as an authentication mechanism (Stewart Bryant, 3 min)
   2.2. BIER-TE (Toerless Eckert, 15 min)
3. WG I-Ds
   3.1. Stateful PCE for GMPLS (Young Lee, 10 min)
   3.2. Update on Association Drafts (Dhruv Dhody, 10 min)
   3.3. Stateful H-PCE (Dhruv Dhody, 10 min)
   3.4. ACTN Applicability (Young Lee, 5 min)
4. New I-Ds
   4.1. Relax Constraints in Stateful PCE (Stephane Litkowski, 10 min)
   4.2. PCEP extensions for SR-TP (Xiong Quan, 10 min)
5. Previously Discussed Topics
   5.1. Residual Bandwidth (Daniele Ceccarelli, 5 min)
   5.2. PCEP for Native IP (Aijun Wang, 5 min)
6. Update on SDN discussion (Chairs, 15 mins)
Status of WG I-Ds
Beyond the WG

• Four new RFCs since Singapore
  – 8281: PCEP Extensions for PCE-Initiated LSP Setup
  – 8282: PCEP Extensions for Inter-Layer TE
  – 8306: PCEP Extensions for P2MP (“RFC 6006 bis”)
  – 8356: Experimental Codepoint Allocation

• One I-D is with the IESG
  – draft-ietf-pce-lsp-setup-type (IETF LC)
With the WG

• Shepherd review shared, waiting for update
  – draft-ietf-pce-inter-area-as-applicability

• Shepherd assigned
  – draft-ietf-pce-gmpls-pcep-extensions (review to be shared)
  – draft-ietf-pce-wson-rwa-ext (pending GMPLS extensions)

• Recently passed WG Last Call
  – draft-ietf-pce-segment-routing
  – draft-ietf-pce-association-group

• In queue for WG Last Call
  – draft-ietf-pce-hierarchy-extensions (just updated)
  – draft-ietf-pce-stateful-pce-auto-bandwidth
Not on the Agenda

• New WG items
  – draft-ietf-pce-lsp-control-request
  – draft-ietf-pce-pcep-flowspec (pending submission reopening)

• draft-ietf-pce-pcep-yang
• draft-ietf-pce-enhanced-errors (back from the dead)
• draft-ietf-pce-remote-initiated-gmpls-lsp
• draft-ietf-pce-stateful-pce-lsp-scheduling
• draft-ietf-pce-stateful-pce-p2mp
  – ready for LC
  – early codepoint allocation is considered
Expired Documents

- Already flagged in previous slides ("slow but OK")
  - draft-ietf-pce-inter-area-as-applicability (to update)
  - draft-ietf-pce-gmpls-pcep-extensions (shepherd)
Thanks