

Path Computation Element WG Status

IETF 100 - Singapore

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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
- 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

Agenda Bashing

1. Introduction

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

2. WG's I-Ds

- 2.1. Stateful PCE for P2MP LSPs (Pavan, 5 min)

3. New I-Ds

- 3.1. PCEP Extensions for SR leveraging the IPv6 data plane (Dhruv Dhody, 10 min)

4. Previously Discussed Topics

- 4.1. Association for Path Projection (Dhruv Dhody, 10 min)
- 4.2. Association for Bidirectional LSP (Rakesh Gandhi, 10 min)
- 4.3. PCEP to support Resource Sharing (Haomian Zheng, 10 min)
- 4.4. Synchronization between Stateful PCEs (Dhruv Dhody, 5 min)

Status of WG I-Ds

Beyond the WG

- Four new RFCs since Prague
 - 8231: PCEP Extensions for Stateful PCE
 - 8232: Optimization of LSP State Synchronization
 - 8233: PCEP Extensions for Service-Aware LSPs
 - 8253: TLS for PCEP (PCEPS)
- Three I-Ds in RFC Editor's queue
 - draft-ietf-pce-pce-initiated-lsp
 - draft-ietf-pce-inter-layer-ext (ref on draft-ietf-pce-pce-initiated-lsp)
 - draft-ietf-pce-rfc6006bis

Administrative Items

- New errata on RFC 8253 (already!)
 - indirect/wrong reference
 - confirmed by the authors
 - no technical impact
- New early allocations for draft-ietf-pce-association-group
 - PCEP Object: 40
 - Types: 1..2
 - PCEP TLV Type Indicators: 29..31
 - PCEP-ERROR Object Error Types: 26
 - Values: 1..7
 - Cf. <https://www.iana.org/assignments/pcep/pcep.xhtml>

With the WG

- Shepherd review shared, waiting for update
 - draft-ietf-pce-inter-area-as-applicability
- Shepherd assigned
 - draft-ietf-pce-lsp-setup-type (waiting for update)
 - draft-ietf-pce-gmpls-pcep-extensions (review to be shared)
 - draft-ietf-pce-wson-rwa-ext (pending GMPLS extensions)
- Just passed WG Last Call
 - draft-ietf-pce-pcep-exp-codepoints
- In queue for WG Last Call
 - draft-ietf-pce-segment-routing (pending LSP setup type)
 - draft-ietf-pce-hierarchy-extensions (to be refreshed)
 - draft-ietf-pce-stateful-pce-auto-bandwidth

Not on the Agenda

- draft-ietf-pce-pcep-yang
- ACTN-related
 - draft-ietf-pce-stateful-hpce
 - draft-ietf-pce-applicability-actn
- Association-based
 - draft-ietf-pce-association-group (cf. early allocation)
 - draft-ietf-pce-association-diversity
 - draft-ietf-pce-association-policy
- Stateful-related
 - draft-ietf-pce-pcep-stateful-pce-gmpls
 - draft-ietf-pce-stateful-pce-lsp-scheduling

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)
 - draft-ietf-pce-wson-rwa-ext (shepherd)
 - draft-ietf-pce-hierarchy-extensions (to update)
- Still an editor in charge?
 - draft-ietf-pce-remote-initiated-gmpls-lsp
 - draft-ietf-pce-enhanced-errors

Thanks