Path Computation Element WG Status

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Administrivia

- Blue Sheets, scribe(s)
- JP's apology for being unable to attend
- Presenters, stick to your timeslot
  - including questions...
- People at the mic, state you name

- Reminder: please consider requesting slots if there is **enough interest expressed** by the WG

Note Well

This summary is only meant to point you in the right direction, and doesn't have all the nuances. The IETF's IPR Policy is set forth in BCP 79; please read it carefully.

The brief summary:

- **By participating with the IETF, you agree to follow IETF processes.**
- **If you are aware that a contribution of yours (something you write, say, or discuss in any IETF context) is covered by patents or patent applications, you need to disclose that fact.**
- **You understand that meetings might be recorded, broadcast, and publicly archived.**

For further information, talk to a chair, ask an Area Director, or review the following:

BCP 9 (on the Internet Standards Process)

BCP 25 (on the Working Group processes)

BCP 78 (on the IETF Trust)

BCP 79 (on Intellectual Property Rights in the IETF)

Milestones

Done   Submit the GMPLS requirements to the IESG

Sep 2013   Submit inter-area/AS applicability statement to the IESG

Sep 2013   Submit PCEP extensions for GMPLS to the IESG

Nov 2013   Submit inter-layer extensions to the IESG

Nov 2013   Submit extensions for hierarchical model to the IESG

Jan 2014   Submit the PCEP MIB to the IESG

Apr 2014Submit the discovery MIB to the IESG

Apr 2014Submit P2MP MIB to the IESG

Sep 2014   Submit the stateful PCE document(s) to the IESG

Feb 2015   Evaluate WG progress, recharter or close

Agenda Bashing (no break at 4:10)

1. Introduction

2. WG I-Ds

2.1. Requirements and PCEP Extensions for RWA (Young Lee, 5 min)

2.2. PCEP Extensions for Enhanced TE Parameters (Dhruv Dhody, 5 min)

3. Known Topics and Discussed I-Ds

3.1. Current Issues with Existing RBNF Notation (Ramon Casellas, 5 min)

3.2. PCEP Extensions for Hierarchical PCE (Dan King, 5 min)

3.3. Path-Key MIB (Dhruv Dhody, 5 min)

3.4. PCE Database Requirements (Oscar Gonzalez de Dios, 5 min)

3.5. DNS-Based PCE Discovery (Qin Wu, 5 min)

4. Stateful PCE

4.1. Stateful PCE Applicability (Ina Minei, 5 min)

4.2. PCEP Extensions for Stateful PCE and PCE-Initiated LSPs (Ina Minei, 15 min)

4.3. PCE-Initiated GMPLS LSP (Victor Lopez, 5 min)

4.4. LSP Database Synchronization (Xian Zhang, 15 min)

5. New I-Ds not Discussed...

5.1. PCEP Extensions for Automatic Bandwidth Adjustement (Dhruv Dhody, 5 min)

5.2. PCEP Extensions for Segment Routing (Jan Medved, 10 min)

5.3. Stateful PCE Extensions for Data Plane Switchover and Balancing (Yosuke Tanaka, 5 min)

5.4. Make-Before-Break MPLS-TE LSP Restoration and Reoptimization (Yosuke Tanaka, 5 min)

- Discovery of Stateful Capability (Jan Medved, 5 min)

- TLS for PCEP (Diego Lopez, 5 min) -> Also on KARP agenda

Documents

- No new RFC since Orlando
- One I-D in IESG review
  - draft-ietf-pce-gmpls-aps-req
    - Discuss about to be resolved
- Two I-Ds passed WG last call
  - draft-ietf-pce-pcep-inter-domain-p2mp-procedures
    - waiting for proto write-up
  - draft-ietf-pce-vendor-constraints
    - slight update expected: before or after IESG review?

Expired Documents

- draft-ietf-pce-enhanced-errors
  - editor changed company but refresh expected
- draft-ietf-pce-inter-layer-ext
  - should move on after GMPLS extensions
- draft-ietf-pce-tc-mib, draft-ietf-pce-disc-mib
  - >3.5-year-old
- draft-ietf-pce-vpn-req
  - ~3-year-old

Not on the Agenda

- draft-ietf-gmpls-pcep-extensions

    – some discussion, right time to comment

- draft-ietf-pce-inter-area-as-applicability

    – missing contributor will be banned unless...

- draft-ietf-pce-pcep-domain-sequence

    – slot requested but not granted

- draft-ietf-pce-pcep-mib

    – cf. Orlando, ready for MIB Doctor review?

IESG Review of GMPLS Reqs

- Several comments and discuss

  - much more than expected for an informational doc

  - relevant: deserved attention and updated text

  - about to be all addressed and/or resolved

    - let's thank our AD for his help

- Led to interesting discussion about management of networks using PCE

  - an interesting topic for the WG...

Liaisons

- One received
  - from ITU-T SG15
  - sent to multiple SDOs and WGs, including PCE
    - also CCAMP and MPLS
  - forwarded to the PCE list on July 30 (yesterday)
  - "OTNT Standardization Work Plan"
  - response expected by March 2014
  - references to PCE seem limited