

# Path Computation Element WG Status

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# Administrivia

- Blue Sheets, scribe(s)
- 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
  - discussion on the mailing list is necessary

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# Agenda Bashing

## **1. Introduction**

## **2. WG IDs**

- 2.1. PCEP Extensions for GMPLS (Oscar Gonzales de Dios, 10 min)
- 2.2. Domain Sequence Encoding (Dhruv Dhody, 10 min)
- 2.3. Status of Stateful PCE I-Ds (Ed Crabbe, 10 min)

## **3. Previously Discussed IDs**

- 3.1. Secured Transport for PCEP (Diego Lopez, 10 min)
- 3.2. PCE Discovery Using DNS (Qin Wu, 10 min)
- 3.3. PCE Path Profiles (Santiago Alvarez, 10 min)
- 3.4. PCE-Initiated GMPLS LSPs (Zafar Ali, 10 min)
- 3.5. Optimization of LSP DB Synchronization (Dhruv Dhody, 10 min)

## **4. New I-Ds not Discussed...**

- 4.1. PCEP Extensions for Cross-Domain Label Distribution (Huaimo Chen, 5 min)
- 4.2. PCEP Extensions for Link Bandwidth Utilization (Dhruv Dhody, 10 min)
- 4.3. PCE Support for Domain Diversity (Dhruv Dhody, 5 min)
- 4.4. Stateful P2MP (Dhruv Dhody, 10 min)
- 4.5. PCEP Extensions for Multiple Sources and Destinations (Dhruv Dhody, 5 min)
- 4.6. PCEP Extensions for Resource Sharing (Haomian Zheng, 5 min)
- 4.7. PCE for Software-Defined Transport Network Control (Haomian Zheng, 5 min)

## **5. IDs Seen Before not Discussed...**

- Stateful PCE for Data Plane Switchover and Balancing (Yosuke Tanaka, 5 min)

# 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 2014	Submit the discovery MIB to the IESG
Apr 2014	Submit P2MP MIB to the IESG
Sep 2014	Submit the stateful PCE document(s) to the IESG
Feb 2015	Evaluate WG progress, recharter or close

# Documents beyond Last Call

- No new RFC since Vancouver
- RFC Editor's queue
  - draft-ietf-pce-vendor-constraints
- IESG review
  - draft-ietf-pce-pcep-inter-domain-p2mp-procedures  
(revised I-D needed)
- Passed Last Call
  - draft-ietf-pce-wson-routing-wavelength
    - some comments sent (reviewers appointed by chairs)

# Expired Documents

- draft-ietf-pce-inter-area-as-applicability
  - pending an unreliable contributor
- draft-ietf-pce-enhanced-errors
  - confirmed editor (no time before IETF 89)
- draft-ietf-pce-disc-mib
  - should follow PCEP MIB
- draft-ietf-pce-wson-rwa-ext
  - will follow WSON reqs and extensions for GMPLS

# Recent WG documents

- draft-ietf-pce-pce-initiated-lsp
  - on the agenda
- draft-ietf-pce-pcep-stateful-pce-gmpls
  - status shared
    - ... on the list: well done!
    - one pending comment



# Not on the Agenda (1/2)

- draft-ietf-pce-hierarchy-extensions
  - recent update, limited change
- draft-ietf-pce-inter-layer-ext
  - pending GMPLS extensions I-D
- draft-ietf-pce-pcep-mib
  - updated after MIB Doctor's review

# Not on the Agenda (2/2)

- draft-ietf-pce-pcep-service-aware
  - just updated, limited change
- draft-ietf-pce-questions
  - cooked? Can move forward independently
- draft-ietf-pce-stateful-pce-app
  - status shared on the list
    - update planned