Path Computation Element WG Status

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Administrivia

- Apologies for being unable to attend
    - from JP, co-chair
- Blue sheets; scribes (thanks Martin)
- Presenters
    - stick to your timeslot
    - focus on solving issues (otherwise use the list!)
- People at the mic: please state your name
    - people above might try to follow remotely

Agenda Bashing

1. Introduction
1.1. Administrivia, Agenda Bashing (chairs, 5 min)
1.2. WG Status (chairs, 10 min)
2. GMPLS and Optical Networks
2.1. PCEP Extensions for GMPLS (Cyril Margaria, 5 min)
2.2. PCEP Requirement for RWA (Oscar Gonzalez de Dios, 5 min)
2.3. PCEP Extensions for RWA (Cyril Margaria, 10 min)
2.4. PCEP Extensions for Flexi-Grid Optical Networks (Yongli Zhao, 5 min)
3. Multi-Domain
3.1. Procedure to Compute P2MP Inter-Domain TE-LSPs (Daniel King, 5 min)
3.2. Hierarchical PCE Framework (Daniel King, 10 min)
3.3. PCEP Extensions for Hierarchical PCE (Oscar Gonzalez de Dios, 10 min)
3.4. Representation of Domain Sequence (Dhruv Dhody, 10 min)
3.5. Forward-Search Path Computation (Huaimo Chen, 5 min) [80/120]
4. Stateful PCE
4.1. PCEP Extensions for State Delegation (Edward Crabbe, 15 min)
4.2. PCEP Notification for States Synchronization (Kexin Tang, 5 min)
5. MPLS Applications
5.1. PCEP Extensions for Associated Bidirectional LSPs (Wenjuan He, 10 min)
5.2. PCEP Extensions for Service-Aware LSPs (Dhruv Dhody, 5 min)
5.3. PCEP Extensions for Backup End Nodes (Huaimo Chen, 5 min)

Milestones

Oct 2011 - Submit WSON requirements to the IESG to be considered as an Informational RFC

Done - Submit extensions for hierarchical PCE path computation model as WG document

Jan 2012 - Submit the PCEP MIB to the IESG to be considered as a Proposed Standard

Jan 2012 - Submit P2MP MIB as a WG document

Feb 2012 - Submit the discovery MIB to the IESG to be considered as a Proposed Standard

Feb 2012 - Submit inter-layer extensions to the IESG to be considered as a Proposed Standard

Mar 2012 - Submit inter-area/AS applicability statement to the IESG as an informational RFC

Mar 2012 - Submit PCEP extensions for WSON as a WG document

Apr 2012 - Submit the GMPLS requirements to the IESG to be considered as an Informational RFC

Jun 2012 - Submit PCEP extensions for GMPLS to the IESG to be considered as a Proposed Standard

Aug 2012 - Submit PCEP extensions for WSON to the IESG to be considered as a Proposed Standard

Oct 2012 - Submit P2MP MIB to the IESG to be considered as a Proposed Standard

Feb 2013 - Submit extensions for hierarchical model to the IESG to be considered as a Proposed Standard

Documents

- No new RFC since Quebec City

- IESG Processing
  - Inter-layer Requirements: RFC Editor Queue

- Expired
  - draft-ietf-pce-inter-area-as-applicability
  - draft-ietf-pce-vendor-constraints
  - draft-ietf-pce-pcep-mib
  - draft-ietf-pce-disc-mib
  - draft-ietf-pce-tc-mib
  - draft-ietf-pce-vpn-req

Not on the Agenda

- draft-ietf-pce-gmpls-aps-req
  - solution draft on the agenda
- draft-ietf-pce-inter-layer-ext
  - discussed on the list: keep on!

Beyond the PCE WG

draft-gredler-idr-ls-distribution-00

- "North-Bound Distribution of Link-State and TE Information using BGP"

- presented during IDR WG meeting

- includes a PCE section

- comments may be cross-posted to both lists