(stateful) H-PCE & ACTN

draft-ietf-pce-hierarchy-extensions-05

draft-ietf-pce-stateful-hpce-05

draft-ietf-pce-applicability-actn-06
Last presented at IETF 101
- Was updated to include domain diversity requirements via extension to SVEC/OF objects

This update includes
- Update to use RFC 2119 (now RFC 8174) terms as per the standards track document.
- Correction in references and section numbers
- Preparing the document for WG LC

Ready for WG LC
Recap: draft-ietf-pce-hierarchy-extensions-05

<table>
<thead>
<tr>
<th>Capability Advertisement (H-PCE Capability)</th>
<th>Domain Information (Domain-ID TLV)</th>
<th>H-PCE-FLAG TLV in RP object</th>
<th>OF Codes</th>
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<tbody>
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<td>Metric Types</td>
<td>SVEC Flags</td>
<td>Error &amp; NO-PATH</td>
<td>Implementation Status</td>
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Metric Types

- OF Codes
- Implementation Status
- Error & NO-PATH
- SVEC Flags
- H-PCE-FLAG TLV in RP object
- Domain Information (Domain-ID TLV)
- Capability Advertisement (H-PCE Capability)
draft-ietf-pce-stateful-hpce-05

Last presented at IETF 101

This update includes

• Re-optimization handling
• Clarification on PLSP-ID and SPEAKER-IDENTITY-TLV usage in PCRpt from child to parent PCE
  • As per [I-D.litkowski-pce-state-sync]
• Preparing the document for WG LC

Ready for WG LC
Recap: draft-ietf-pce-stateful-hpce-05

- H-PCE + Stateful PCE = Hierarchy of Stateful PCE
- State report from Child to Parent
- Update from Parent to Child
- Initiate from Parent to Child
- E2E and Per-domain LSPs
- Informational Draft as no encoding changes

Maintain the domain topology map and LSP-DB
draft-ietf-pce-applicability-actn-06

Last presented at IETF 101

This update includes

• Alignment to the ACTN documents
  • As per the changes during IESG reviews
  • Preparing the document for WG LC

Ready for WG LC
Recap: draft-ietf-pce-applicability-actn-06

- Clarifies how the Stateful H-PCE fits into the ACTN (MDSC-PNC) relationship
- Explains the role of other PCEP extensions in ACTN framework
- This document is useful to understand how PCE and various extensions to PCEP comes together for ACTN.
- ACTN Framework is now in RFC Editor Queue.
Ready for WGLC!

thank you