PCEP ASSOCIATION DRAFTS
PCE WG, IETF 101
• Some of the individual drafts
• There are more!!

• Pending WG Adoption Poll
• Was discussed in last meeting (*had support*)
WG LC Done

• Great Comments from Adrian/Cyril

Summary of Changes

• Clarified the role of -
  • Association Source
  • Unique Identification of Association Group
    • Association Parameters
    • Association Information
• Clarified the relationship to
  • RSVP ASSOCIATION object
  • PCEP SVEC object
• PCRep Message
• Error Handling
• Example to clarify the operator configured association range in appendix

Ready for the next step!
Summary of Changes

- Made 2 TLVs (same format)
  - DISJOINTNESS-CONFIGURATION-TLV – requested
  - DISJOINTNESS-STATUS-TLV – status
- Disjoint Objective Functions (OF)
  - Minimize the number of shared (common) Links (MSL)
  - Minimize the number of shared (common) SRLGs (MSS)
  - Minimize the number of shared (common) Nodes (MSN)
- Removed mechanism to relax some constraints –
  - A generic mechanism is proposed (on agenda)
- Clarified the relationship to SVEC
  - Both SVEC and Disjoint Association can be used in the PCReq messages
  - PCE will try to find paths that meet both constraints
Summary of Changes

- A new POLICY-PARAMETERS-TLV is added
  - Opaque Information needed to apply policy at the PCEP peer
  - Order, Meaning, Format is known at the PCEP peer (out of band) based on the Policy
- Appropriate Error Handling
- Alignment to basic association group and other RFCs
This document defines the association-type for protection.

An association group between working and protection LSPs.

- Relationship to the Disjoint Association Group
- Other Editorial Changes including alignment with basic association group and other RFCs

I-D is stable, needed, ready for adoption!
Other Association Drafts

<table>
<thead>
<tr>
<th>Draft Title</th>
<th>Description</th>
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| draft-leedhody-pce-vn-association-04                           | • Virtual Network Name format  
• Editorial Changes                                                   |
| draft-barth-pce-association-bidir-03                            | • Stable  
• No recent Change                                                   |
| draft-zhang-pce-resource-sharing-06                            | • Relationship to IRO/XRO  
• Relationship to Disjoint association                             |
| Others                                                          | • Explicit Make-Before-Break (draft-tanaka-pce-stateful-pce-mbb)  
• draft-chen-pce-association-ecmp  
• draft-xiong-pce-multilayer-lsp-association                      |
Next Step

Association Group

Move to RFC SOON!

WG I-Ds

More Reviews

Start the WG LC

Adopt as WG I-D

Protection Association

Work out the order for others!
Thank you!