

Update to PCECC I-Ds

draft-ietf-pce-pcep-extension-for-pce-controller-03

draft-zhao-pce-pcep-extension-pce-controller-sr-05

draft-dhody-pce-pcep-extension-pce-controller-srv6-02

draft-dhody-pce-pcep-extension-pce-controller-p2mp-02

PCE WG @ IETF 106

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PCECC

RFC8283

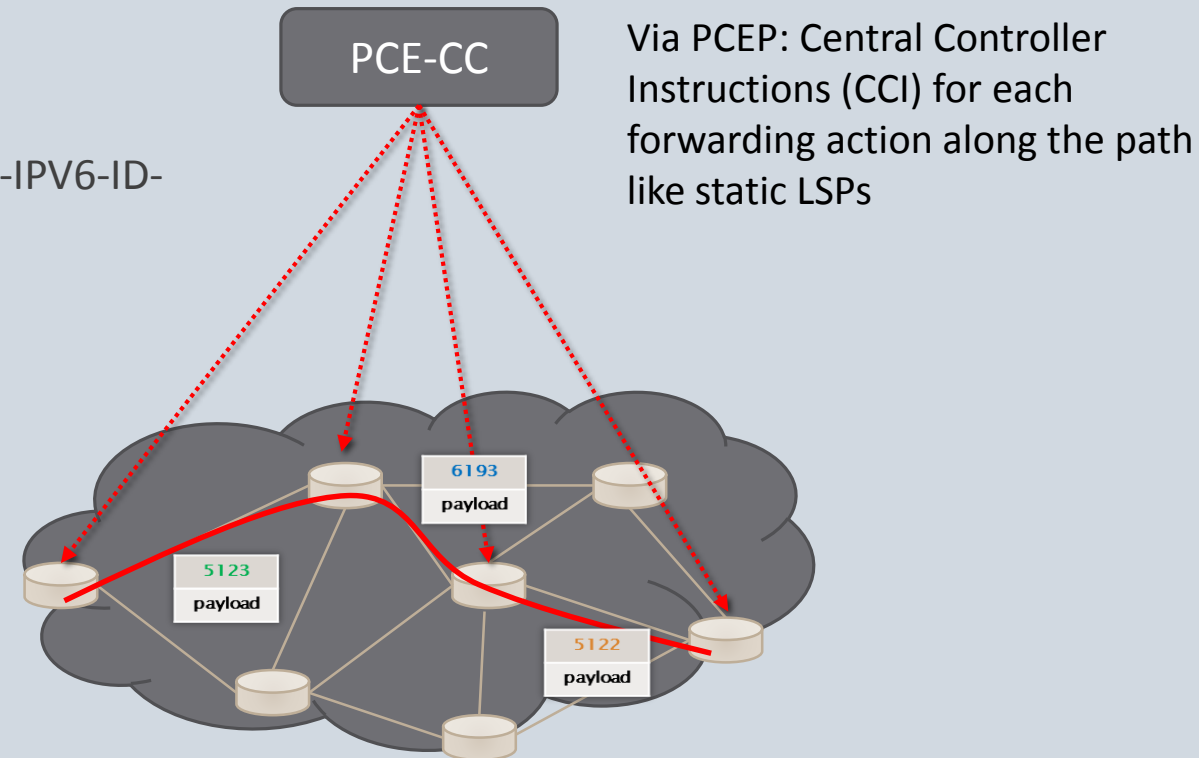
- It defines an architecture for use of PCE in a network with central control
- Examines the motivations/applicability for PCEP as a control protocol in SDN

PCEP Extensions

- Basic (Static LSP)
- SR
- SRv6
- P2MP

Basic/Static LSP - draft-ietf-pce-pcep-extension-for-pce-controller-03

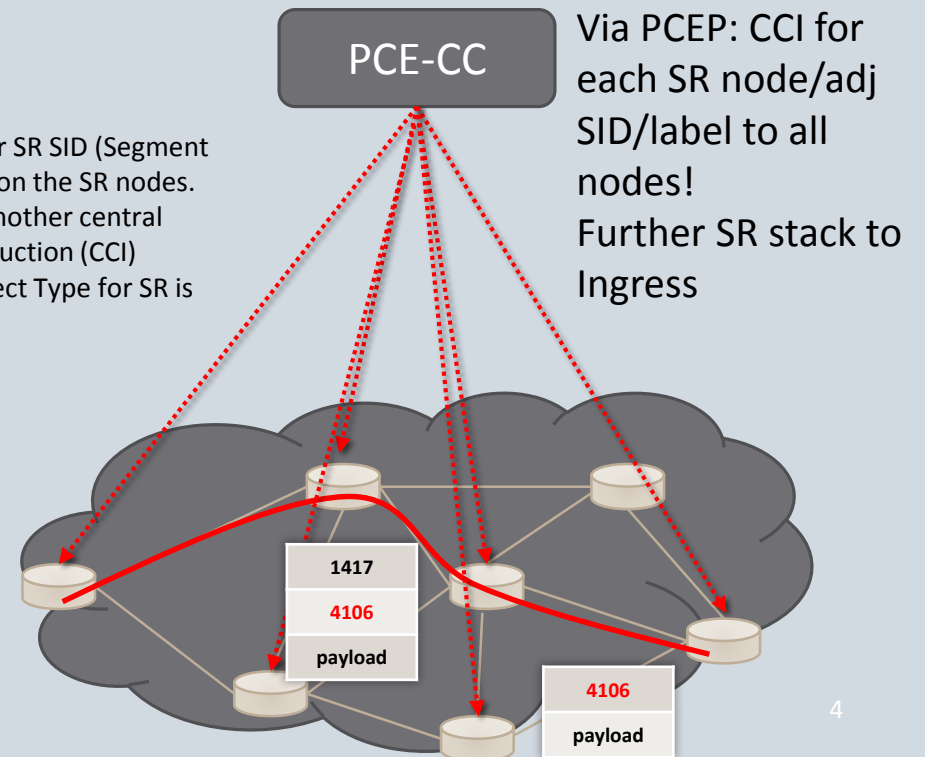
- Text for PCEP Requirements
 - Removed normative
- Sync changes from PCEP-SR I-D
 - Added support for Link Local IPv6 address via LINKLOCAL-IPV6-ID-ADDRESS TLV
 - Some SHOULD -> MUST in error handling
 - PCECC Capability Advertisement
- Added Implementation Status
- Fixed IANA section
- Editorial Changes
 - General Cleanup
 - Use of TBD1,2,3...
- Ready for WG LC



SR - draft-zhao-pce-pcep-extension-pce-controller-sr-05

- Sync changes from PCEP-SR I-D
 - Added support for Link Local IPv6 address via 'Linklocal IPv6 Adjacency' FEC type
 - Some SHOULD -> MUST in error handling
 - PCECC Capability Advertisement
- Added Implementation Status
- Fixed Security Considerations section
- Next in WG Adoption queue :)

PCECC can use PCEP for SR SID (Segment Identifier) distribution on the SR nodes.
SR SID is just another central controller instruction (CCI)
A new CCI Object Type for SR is defined



SRv6 - draft-dhody-pce-pcep-extension-pce-controller-srv6-02

- Mainly editorial changes to keep alignment between PCECC I-Ds.
- Pretty Stable text – consider adding to the adoption queue on wiki!

P2MP - draft-dhody-pce-pcep-extension-pce-controller-p2mp-02

- Mainly editorial changes to keep alignment between PCECC I-Ds.
- Pretty Stable text – consider adding to the adoption queue on wiki!

Thanks!