

Extensions to Path Computation Element Communication Protocol (PCEP) for Hierarchical Path Computation Elements (PCE)

draft-ietf-pce-hierarchy-extensions-03

PCE Working Group
IETF 96

F. Zhang

Q. Zhao

O. González de Dios

R. Casellas

D. King

X. Zhang

D. Dhody

Current Status

- Draft has been relatively stable while we waited for implementations to complete
 - “Netphony” (open source project)
 - Inter-layer traffic engineering with H-PCE
 - Vendor-led H-PCE using all the OFs defined
 - H-PCE as an ONOS contribution
 - Did we capture all implementations?
- Latest version focuses on writing up the Security and Manageability Considerations
 - Control of function and policy
 - Which managed objects might be required
 - Verifying correct operation

What next?

- Need to agree intended status, I-D was classed as “Experimental”, now “Standards Track”
 - Chairs have an opinion?
- Review protocol encoding, procedures and error handling
 - TLVs
 - Domain Types
 - OF Codes
 - Metric Types
 - PCEP Error-Types
- Wait a suitable review period, then Last Call!
 - Eventually strikethrough milestone “*Submit extensions for hierarchical model to the IESG to be considered as a Proposed Standard*”

Applicability of the Path Computation Element to Inter-Area and Inter-AS MPLS and GMPLS Traffic Engineering)

draft-ietf-pce-inter-area-as-applicability-06

PCE Working Group
IETF 96

D. King

J. Meuric

O. Dugeon

Q. Zhao

D. Dhody

O. Gonzalez de Dios

Current Status

- Final review performed by Dhruv.
 - Thanks!
- New version submitted.

Next Steps

- Ready for Last Call.