

PCEP-PATHKEY-MIB

draft-dhody-pce-pcep-pathkey-mib-01

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Overview

- œ Describes managed objects for modeling of Path Computation Element communication Protocol (PCEP) for communications between a Path Computation Client (PCC) and a Path Computation Element (PCE), or between two PCEs when *path-key-based inter-domain path computation is requested*.
- œ MIB Draft contains
 - PCEP Path-key counters, timers and configurations
 - PCEP Path-key table of CPS (confidential path segment) related information.
 - PCEP Confidential path segment Hop Table

Changes & Progress

Thanks to Cyril Margaria for great review comments!

Changes from -00 draft :

- œ Arranged confidential path segment [CPS] into a new HopTable which can store Hops of all types (IPv4/IPv6/Un-Num etc)
- œ Use of FirstIndex and HopNum in the PathKey Table to traverse the HopTable
- œ Addition of PathKey Creation Time

Next Step

- œ Handle IANA considerations
- œ Implement the MIB. Gather more customer inputs.

Thanks!