Open Questions
in Path-Aware Networking
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Some Questions

- how are path properties defined and represented?

    this question remains open
    work item: list possibly-useful path properties

- how do endpoints discover trustworthy path properties?

    SCION and ALTO represent points in this design space.

- how can endpoints select paths to use for traffic in a way that can be trusted by the network

    addressing- and PCFS-based approaches may work.

More Questions

- how can interfaces to the transport and application layers support the use of path awareness?

    Post Sockets (in TAPS) could be adapted to path-aware architectures. work item: define design space for path-aware transports

- how can a path aware network in a path aware internetwork be effectively operated?   *this question remains open*

- how can the incentives of network operators and end-users be aligned to realize the vision of path aware networking?

    this question remains open