
Current Open Questions in Path Aware Networking

draft-irtf-panrg-questions

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Open questions (1)

draft-enghardt

1. how are path properties defined and represented?
 2. how do endpoints get access to trustworthy path properties?
 3. how can endpoints select paths to use for traffic in a way that can be trusted by the both the network and the endpoints?
 4. how can interfaces to the transport and application layers support the use of path awareness?
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Open questions (2)

5. how should transport-layer and higher layer protocols be redesigned to work most effectively over a path-aware networking layer?
 6. how is path awareness (in terms of vocabulary and interfaces) different when applied to tunnel and overlay endpoints?
 7. how can a path aware network in a path aware internetwork be effectively operated, given control inputs from the network administrator as well as from the endpoints?
 8. how can the incentives of network operators and end-users be aligned to realize the vision of path aware networking, and *how can the transition from current ("path-oblivious") to path-aware networking be managed?*
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What's next?

- We've discussed this a bit and it hasn't changed much. (These are almost the same slides as those from IETF 102.
 - This document is a snapshot of the state of these questions at the current time. -03 makes minor changes to reflect that.
 - Propose (as editor) to publish on IRTF stream.
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