A Vocabulary of Path Properties

draft-irtf-panrg-path-properties

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Revise Entity definition

- Entity:
  - “plays a role related to path-aware networking”
  - “for particular paths and flows”
  - On- or off-path
  - Possible roles:
    - On path: May participate in forwarding, i.e., **data plane** functionality
    - On or off the path: May influence aspects of how the flow is forwarded, i.e., **control plane** functionality
  - If entity on control plane: Usually aware of path properties
Model Transparency using a function f:

- Input: flow \( F \), (meta-) information \( M \)
- Output: Action \( A \) taken by a node
- If \( A \) is not impacted by \( M \): Node is transparent to \( F \) with respect to \( M \) (e.g., if \( A \) is constant for arbitrary values of \( M \))
Open questions

● Define more terms that are used in other PANRG drafts?
  ○ Routing domain identifier (draft-irtf-panrg-questions)
  ○ (More suggestions?)

● How to determine which terms merit defining in this document?