SR-TE Path Midpoint Protection

draft-hu-spring-segment-routing-proxy-forwarding-12

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Updates to Previous Versions

- Updated Section 1 "Introduction"
- Some Editorial Changes

ietf-spring-segment-protection-sr-te-paths (Informational, adopted recently)

- Node supporting it uses old paths to forward traffic for a configured time after failure
- Protection may not work if some do not support it

Our draft improves this and others

Improvements

- Uses a capability flag for a node
 - indicates it is capable to forward traffic on behalf of its failed neighbors.
 - When node X fails, other nodes send traffic for X's node-SID to the nearest capable X's neighbor.
- Supports the protection of the node with binding segments.

Next Steps

Request for Adoption

Overview of Mid-Point Protection

