

Extensions to RSVP-TE for LSP Ingress Local Protection

draft-ietf-mpls-rsvp-ingress-protection-01

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Updates from the last version

Updates on Ingress Failure Detection Modes

1. Source Detects Failure (Enhanced)
2. Backup and Source Detect Failure
3. Backup Detects Failure (Removed)
4. Next Hops Detect Failure (Removed)



One
Detection
Mode

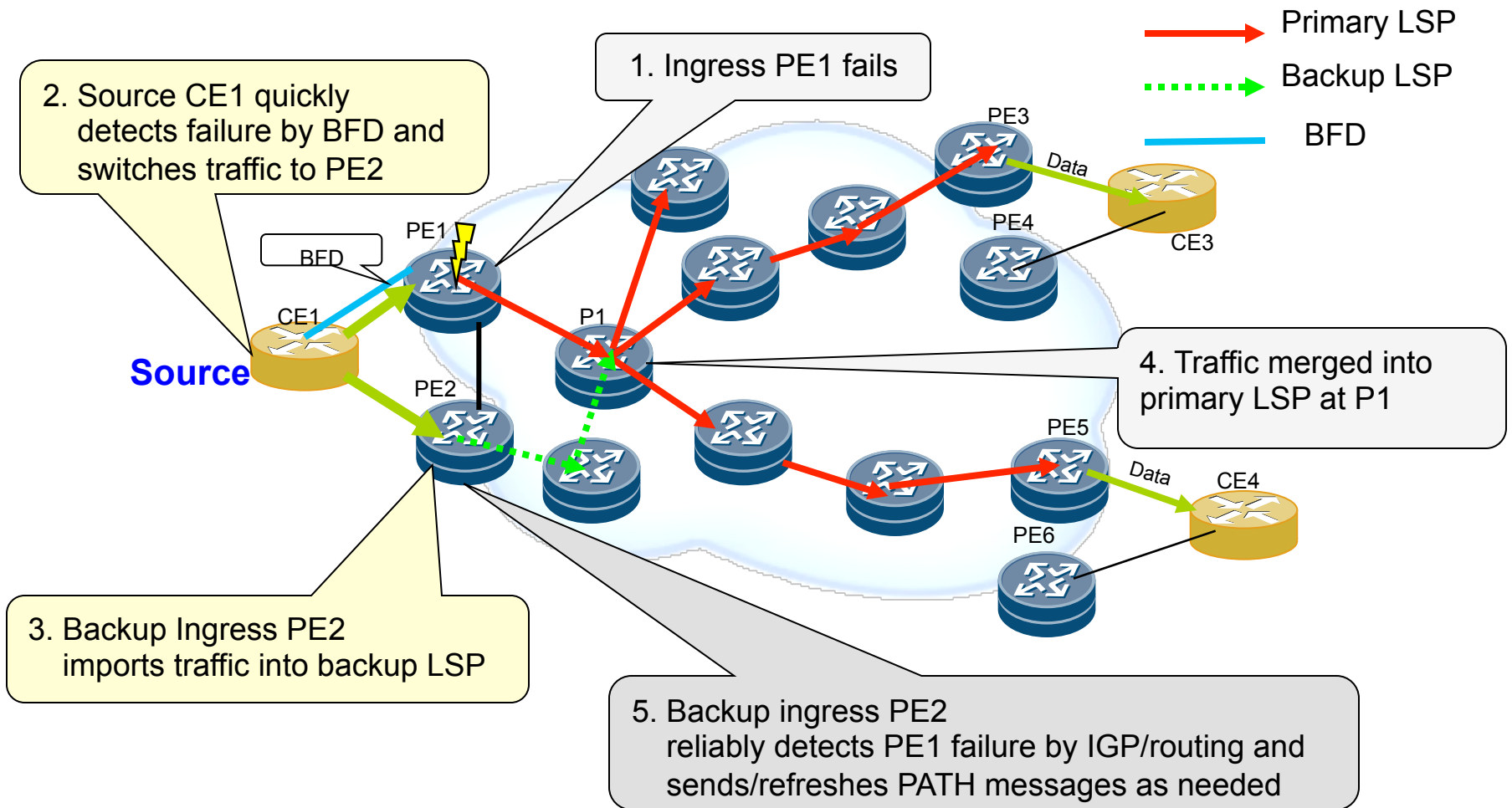
DM (Detection Modes) field (Removed)

Try to converge to one failure detection mode

Source Detects Failure

Source (CE1) quickly detects ingress (PE1) failure and switches traffic to backup ingress(PE2)

Backup Ingress (PE2) always ready to import traffic into backup LSP reliably detects ingress failure, sends Path message



Some Questions

Ingress Failure Detection Modes:

- Any issues on Source Detects Failure?
- Should we use one failure detection mode?
- Should we provide multiple modes and let operator to select one?

Request comments on:

Relay-Message Method and Proxy-Ingress Method

Next Step

- Welcome comments