

# RSVP Setup Retry - BCP

draft-ravisingh-teas-rsvp-setup-retry-00

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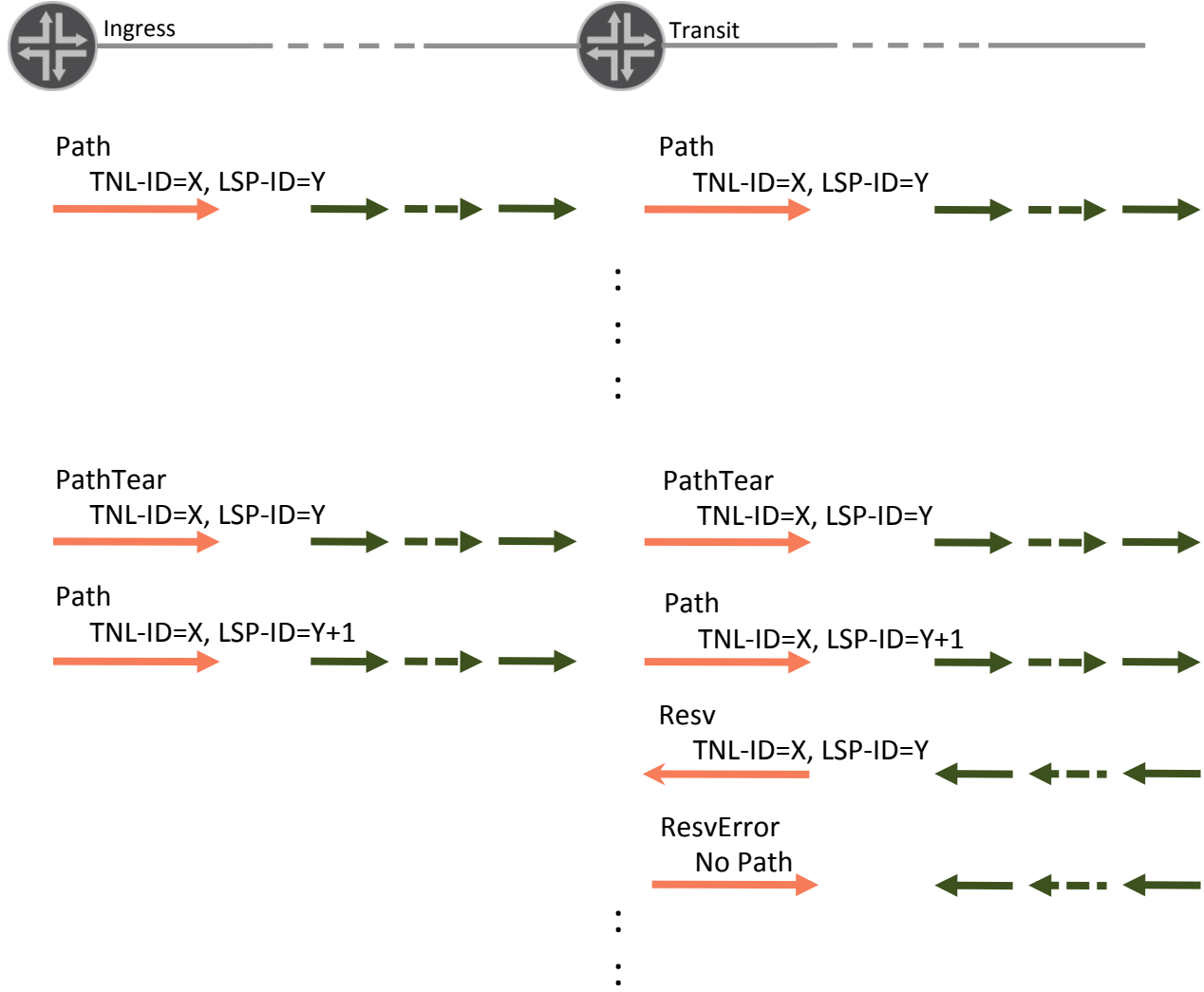
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# Setup Retry Timer – Implementation Issue

## Ingress Timeline

1. Trigger LSP Setup  
⋮  
<No Resv (X, Y)>  
⋮
2. Setup-Retry Timer fires;  
Recompute Path;
3. Trigger Teardown
4. Trigger setup for new  
instance of the LSP.  
⋮  
<No Resv (X, Y+1)>  
⋮
5. Repeat loop through 2-4



\*The transit router never gets to completely process the current LSP-ID

# Recommendations

- When the setup-retry timer fires:
  - If there is no change in the computed path,
    - Do not send PathTear for current LSPID.
    - Just let the Path State get refreshed for current LSPID.
  
- Default behavior:
  - Keep retrying until the path changes or the user intervenes.
  - Implementations MAY choose to provide an option to override default behavior.

# Next Steps

- Solicit Feedback.