STAMP Extensions for Reflecting STAMP Packet MPLS Sub-Stacks

draft-gandhi-ippm-stamp-mpls-hdr-00

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Agenda

- Requirements
- Updates
- Next Steps

Requirements, Goals, and Scope

Requirements:

- STAMP Extensions to Reflect packet MPLS Sub-Stacks:
  - ✓ Hop-by-hop and edge-to-edge measurements
  - ✓ Two-way and one-way measurements

Goals:

- Leverage existing implementation of MPLS Sub-Stacks on midpoint nodes
  - ✓ Midpoints nodes are agnostics to STAMP protocol

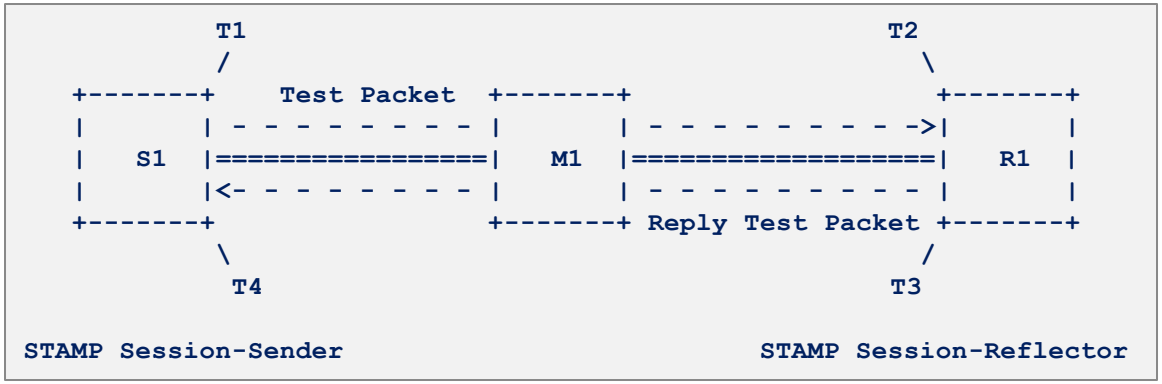
Scope:

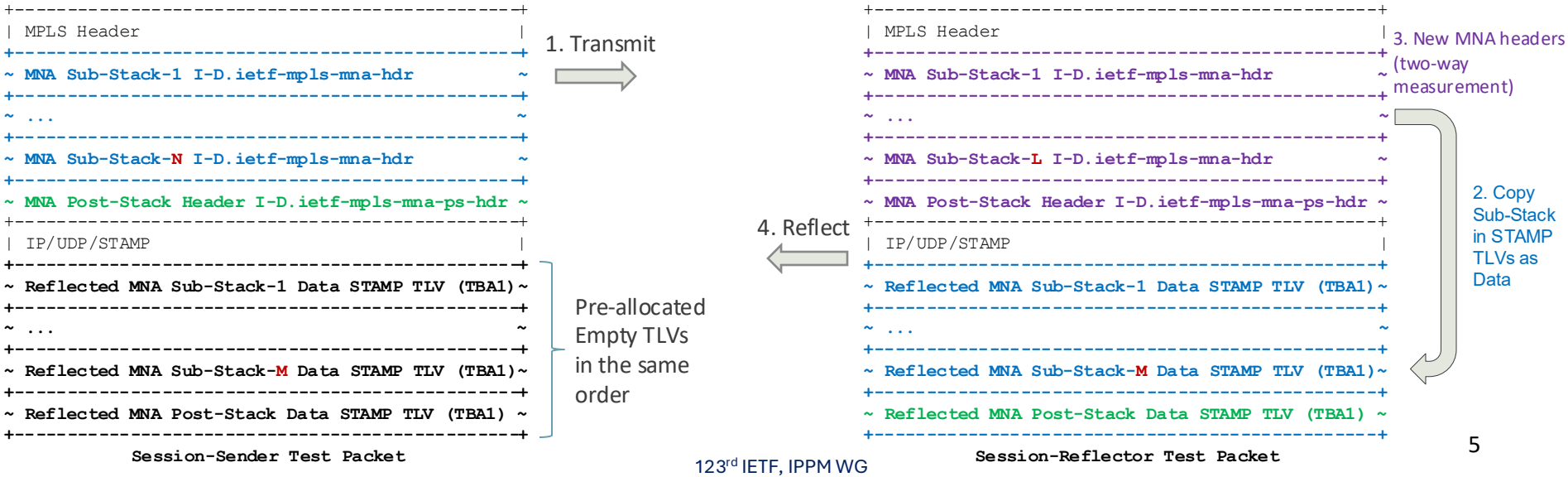
- STAMP [RFC8762] and STAMP Extensions [RFC8972]
- In-Stack MNA Solution- [draft-ietf-mpls-mna-hdr]
- Post-Stack MNA Solution - [draft-ietf-mpls-mna-ps-hdr]

Updates

- Split *draft-ietf-ippm-stamp-ext-hdr* into two drafts:
  1. IPv4/IPv6 Data plane - draft-ietf-ippm-stamp-ext-hdr
  2. MPLS Data plane - draft-gandhi-ippm-stamp-mpls-hdr

STAMP TLV Extension for MPLS Data plane





Next Steps

- This was previously part of the WG document
- Welcome your review comments and suggestions
- Ready for WG adoption

Thank you!