Simple Two-way Active Measurement Protocol (STAMP) Extensions

draft-mirsky-ippm-asymmetrical-pkts

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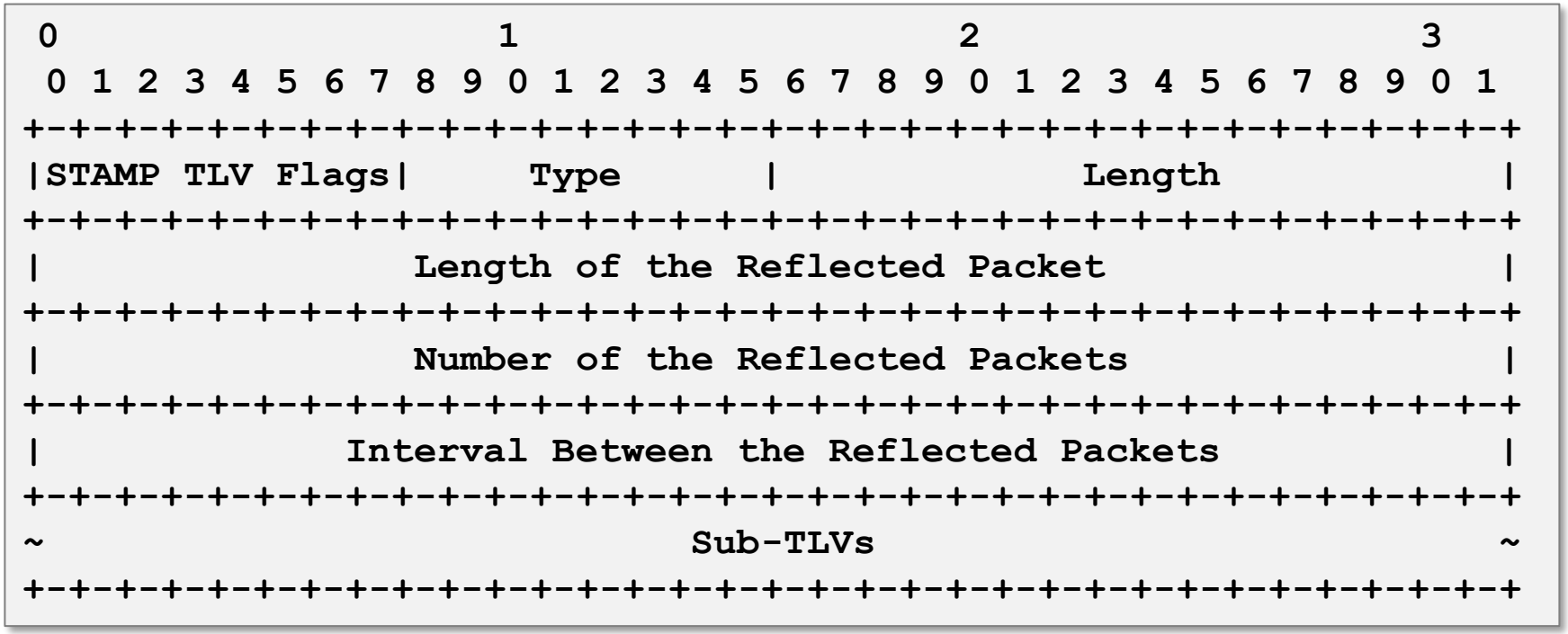
Update

- Welcome Footer!
- Technical updates
- Editorial updates
- Interworking with RFC 9503

Reflected Test Packet Control TLV



Length of the Reflected Packet – in octets

Number of the Reflected Packets – unsigned integer. (Do we need to set an upper limit?)

Interval Between the Reflected Packets – in nanoseconds (updated from milliseconds)

Extending Security Considerations

A Session-Sender SHOULD NOT send the next STAMP test packet with the Reflected Test Packet Control TLV before the Session-Reflector is expected to complete transmitting all reflected packets in response to the Reflected Test Packet Control TLV in the previous test packet.

Combination with RFC 9503

For compatibility with RFC 9503:

- a Session-Sender MUST NOT include a Return Path Control Code Sub-TLV with the Control Code flag set to No Reply Requested in the same test packet as the Reflected Test Packet Control TLV is non-zero
- a Session-Reflector that supports both TLVs MUST set the U flag in Return Path and Reflected Test Packet Control TLVs in the reflected STAMP packet
- the Session-Reflector SHOULD log a notification to inform an operator about the misconstructed STAMP packet

Next steps

- Ready for the WG AP
- Welcome your questions, comments, and cooperation

Thank You!