

Simple Two-way Active Measurement Protocol (STAMP) extensions

draft-mirsky-ippm-stamp-option-tlv

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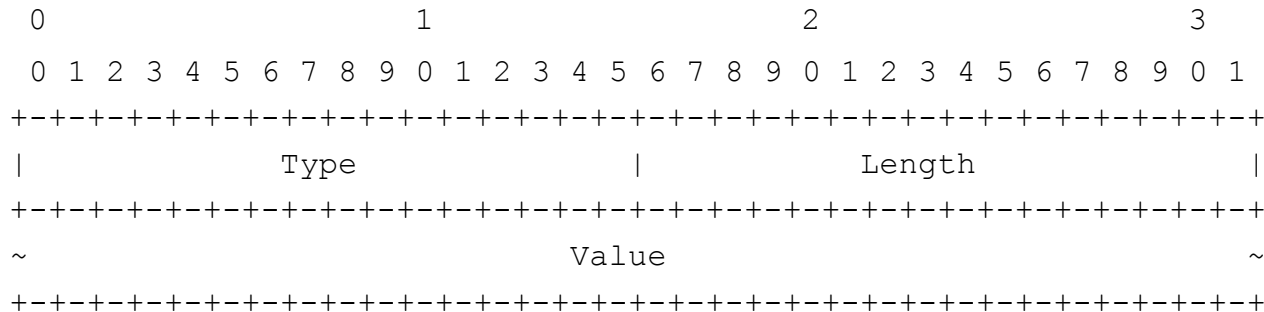
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STAMP Extensions

- Originally, Section 5 TLV Extensions to STAMP of draft-ietf-ippm-stamp, spawned as separate draft
- Use Type-Length-Value format



- Added detailed explanation of Value field encodings
- Added Direct Measurement extension that is similar to LMM/LMR in Ethernet OAM

Functionality

- Extra Padding
- Location:
 - detect NAT traversal
- Timestamp Information:
 - synchronization source;
 - timestamping method
- Class of Service:
 - Copy Session-Sender DSCP and ECN values;
 - Copy Session-Sender and Set Session-Reflector DSCP and ECN values
- Direct Measurement:
 - collect counters of in-profile packets
 - definition of in-profile is outside the scope of the draft

Next steps

- Comments are welcome
- Ask for WG adoption (grandfather draft-ietf-ippm-stamp)