

draft-petithuguenin-p2psip-reload-
sctp

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SCTP Overlay Link Protocols

- RELOAD recommends to use in priority protocols that do not suffer from Head-of-Line blocking, but none of the protocols defined in -base follows this recommendation.
- This document defines 2 new Overlay Links based on SCTP.
- Both are very simple as they do not require framing or retransmission.

DTLS-SCTP-NO-ICE

- Uses DTLS over native SCTP (RFC 6083)
- SCTP does not work behind most NAT, so no point of defining DTLS-SCTP.

DTLS-SCTP-UDP

- Uses DTLS over an UDP encapsulation of SCTP (RFC 6083 and draft-ietf-tsvwg-sctp-udp-encaps) to simplify NAT traversal.
- No point of defining DTLS-SCTP-UDP-NO-ICE as DTLS-SCTP-NO-ICE will probably be more efficient.

Next

- WG item?
- Plan for a reference implementation for DTLS-SCTP-NO-ICE.