- WebRTC uses SCTP over DTLS for data channels

- Proposed Optimization

  Reduce inter-layer redundancy (connection parameter setup, anti-DoS, communications consent)

  Combine inter-layer messages (piggybacking)

- Work items

  TLS 1.3 (draft-rescorla-tls13-new-flows-00

  SCTP optimizations for DTLS (coming soon)

  Target: 0-RTT best case, 1-RTT common case, 2-RTT worst case