

# A Fourth Proposal

# Fourth Solution

- Implementable by open-source projects
- Implementable by kernel and userland SCTP stacks
- Two parts
  - Encrypt/decrypt part (one variant)
  - Key management part (one variant specified by IETF, others are possible)
- An abstract and socket API to allow the two parts to interact
- Encrypt/decrypt part like the DTLS chunk proposal

# Potential Next Steps

- Initial version of encrypt/decrypt part by the end of the year.
- Initial version of key management part by IETF 122.
- Initial interop testing in Hackathon for IETF 123.