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Milestones

Sep 2016 - Submit architecture or framework specification to IESG

Jan 2017 - Submit documentation of how to integrate solution in SIP, WebRTC and CLUE to IESG

Jun 2017 - Submit SRTP protocol extension specification to IESG

Jun 2017 - Submit Key-management protocol specification to IESG
Milestones & Documents

Architecture / framework

draft-jones-perc-private-media-framework

SIP, WebRTC and CLUE

draft-groves-perc-clue

[[ your draft here ]]

SRTP protocol

draft-jennings-perc-double

Key-management protocol

draft-jones-perc-dtls-tunnel
draft-jennings-perc-srtp-ekt-diet
## Agenda

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Recap of the Layers

Signaling ← some today

Key management ← today

SRTP/SRTCP transforms ← focus of interims
An entity with intermediate privilege

Normal SRTP/SRTCP divides the world into two classes:
- In the session: Can encrypt / decrypt payload, MAC/verify headers/payload
- Not in the session: Can observe header fields, encrypted payload

PERC is about creating an entity intermediate between these two
- Not in the session, but gets some capabilities of being in the session
- MDD = Network Attacker + (minimum privilege to do conferencing)
Recap of Interims

Four virtual interims since last IETF
  Three devoted to SRTP requirements
  One for SRTCP

Clear requirements for media protection
See minutes / proceedings for details