PERC @ IETF96
Note well!

Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:

- The IETF plenary session
- The IESG, or any member thereof on behalf of the IESG
- Any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices
- Any IETF working group or portion thereof
- The IAB or any member thereof on behalf of the IAB
- The RFC Editor or the Internet-Drafts function

All IETF Contributions are subject to the rules of RFC 5378 and RFC 3979 (updated by RFC 4879).

Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice.

Please consult RFC 5378 and RFC 3979 for details.

A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.

A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.
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

<table>
<thead>
<tr>
<th>Category</th>
<th>Draft</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architecture / framework</td>
<td>draft-ietf-perc-private-media-framework</td>
</tr>
<tr>
<td>SIP, WebRTC and CLUE</td>
<td>draft-groves-perc-clue</td>
</tr>
<tr>
<td></td>
<td>[[ your draft here ]]</td>
</tr>
<tr>
<td>SRTP protocol</td>
<td>draft-ietf-perc-double</td>
</tr>
<tr>
<td>Key-management protocol</td>
<td>draft-jones-perc-dtls-tunnel</td>
</tr>
<tr>
<td></td>
<td>draft-ietf-perc-srtp-ekt-diet</td>
</tr>
</tbody>
</table>
Agenda

5m  Chairs  Intro
15m David  draft-ietf-perc-private-media-framework
30m Adam  draft-ietf-perc-double
40m Paul  draft-jones-perc-dtls-tunnel
30m Fluffy  draft-ietf-srtp-ekt-diet
Recap of the Layers

Signaling

Key management

SRTP/SRTCP transforms
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)
Virtual Interims

We did some in Q1, had good results

… then we took the summer off

Should we have some in the fall to pick the pace back up?
fin