Sip Traversal Required for Applications to Work (STRAW)
WG Proposal

straw-man: Hadriel Kaplan
The Problem(s)

• Some things aren’t working as well as they could across some B2BUAs
  – E.g.: loop detection, GRUU
• Some existing things might have issues
  – E.g.: TCP media, DTLS-SRTP, STUN checks
• Some new things need B2BUAs to act a certain way
  – E.g.: loopback calls, feature-caps, BFCP
Lawyers vs. Humans

• Technically the SIP protocol scope ends at a B2BUA, and a new one begins on the other side (s) of the B2BUA
  – It’s The Great Escape-clause of SIP: “I don’t have to follow that RFC – I’m a B2BUA!”

• But in practice users expect some things to just work across them
  – Like they expect “email” stuff to work, even if it goes POP3 -> SMTP -> IMAP
Taking Small Sips not Gulps

• It’s impossible to specify everything that all types of B2BUAs must do for SIP

• Instead, this WG only defines what very few things any B2BUA must do to make a specific mechanism work
  – Example: Max-Forwards rules for loop-detection

• Thus the name “STRAW”: what do we have to SIP through a small STRAW between the sides of a B2BUA to get <insert mechanism> to work?
Initial Deliverables

• B2BUA role-types taxonomy doc
  – E.g.: draft-kaplan-dispatch-b2bua-taxonomy-00

• A document to identify specific features/capabilities support
  – E.g.: draft-holmberg-sipcore-proxy-feature-03

• A document for loop detection/prevention
  – E.g.: draft-kaplan-dispatch-b2bua-loop-detection-00

• A document for end-to-end and hop-by-hop media-loopback test calls
  – E.g.: draft-kaplan-dispatch-sip-traceroute-00

• A document for DTLS-SRTP (RFC 5764) end-to-end

• A document for STUN connectivity checks end-to-end
The Charter

For the Latin-English translation see:
http://www.ietf.org/mail-archive/web/dispatch/current/msg03843.html
DISPATCHing STRAW

• Creating a new WG is a big deal
  – Will take many people’s time, IETF meeting space, new T-shirts, etc.
  – So the bar needs to be high

• Is this a good idea to do in the IETF?

• Are there people willing to contribute to it?

• Are there people willing to review docs?