• A feature many people have asked about
  – How do we handle **retargeting**?
  – To header field of SIP is signed by PASSporT
    • Original SIP header value may be altered with retargeting
    • Looks like a cut-and-paste attack to the destination

• We define a special PASSporT to track retargets
  – With its own “ppt” – “**div**” for “divert”

• Different from History-Info and Diversion?
  – Yes, as it is signed by the original destination domain
  – Moreover, it only captures “major” changes
    • Thanks to our canonicalization procedures
What’s New in -03?

• We kept nesting as a SHOULD
  – A must for OOB
  – For in-band, you can still use multiple Identity headers etc if you so desire
• Made “opt” independent of “div”
  – Just in case we want to nest PASSporTs for some other extension
• One more thing...
A nesting optimization

• When receiving a 302 with multiple Contact header field values
  – Could create a single PASSporT with the target list as separate "dest" values
    • PRO: Prevent us from having to include one nested PASSporT per target
    • CON: Reveals target list to destinations who inspect the PASSporT
      • Probably others that haven’t occurred to me

• Good idea? Bad idea? Some text there now, easy to cut
Issues

• This is pretty close
  – ATIS has kicked the tires on this one, hard
  – Also see Mary’s H-I call flows doc

• Need some editorial reviews

• Last call?
Basic STIR Out of Band

Authentication and Verification Services are not just end-user devices
What’s New in -03?

• Not much: pretty cosmetic update
• Tried to make it clear the ReST example is there as a guide for future work
• Removed a few TBDs
• My plan: declare victory
  – Treat this as a framework/architecture document
  – If there’s interest, do a protocol specification later
  – Enough here to do some implementation
Next Steps

• Need some editorial/content review
• Last call?