

draft-ietf-stir-rfc4196-update-00  
Connected Identity

STIR WG IETF 113ish Virtual interim  
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# Revisiting RFC4916

- The “connected identity” draft, update to RFC4916
  - How to make Identity work in the backwards direction, since it can’t work for responses
  - Covers mid-dialog and dialog-terminating requests
    - Classic use case is UPDATE in the backwards direction before 200 OK: telling you who you actually reached
- Leveraging STIR to close security vulnerabilities
  - Route hijacking
    - I tried to call my bank, by an attacker somehow interposed
  - “Short stopping” and similar attacks
    - Intermediary networks forging BYE in one direction while the call proceeds in another
  - sipbrandy (RFC8862) needs it
- This does take STIR past the threat model of RFC7375

# There's a new version

- WG item at last
  - Supporting charter text also in place
- Minor revision for this round
  - Conferencing now out of scope
  - A bit more about pre-association and directories
  - Example templates added
    - More work to be done there, but, at least a start

# Still to do

- Incorporate some previous discussions about privacy/anonymity
  - Definitely some risks about data collection if there aren't sound policies for accepting a pre-dialog
- Is this really a bis of RFC4916?
  - So far, maintaining it is not
    - It isn't so much replacing it as applying it to RFC8224
  - Examples need to reflect elimination of the Identity-Info header, etc.

# Next Steps

- Still plenty to do here
  - But we think we need this, for a variety of use cases
- Comments, revisions, etc.