Service Provider OOB

IETF 113i
STIR WG
Jon - @home – Apr 2022
Back after a brief absence

A draft about using OOB outside the original threat model

- Assumes the CPS is not an untrusted third-party service
  - Instead something operated by (or for) the originating or terminating domain, or some sort of authorized gateway
  - i.e., what if the entity operating the CPS would already see the non-SIP call signaling?
    - And hence learn the called/calling party numbers

Descriptive of emerging efforts in the deployment of STIR

- Not a science project, aiming for PS
A brief update

• Basically, a maintenance update here
  – For now, pointing to RFC8816 for the HTTPS interface for storing/retrieving PASSporTs
    • That would be a downref, but, do we need to respecify the same interface?
  – Punting on the “push” interface
    • If there needs to be a mechanism to subscribe to PASSporTs relevant to a given CSP, let’s define that elsewhere
      – Issue is basically the classic “how to convert SPCs into TNs” problem – the answer is probably just local policy dictates it, rather than some elaborate “I want to subscribe to these TNs” interface
    • This scoping might let this advance faster
  – Added some Sec Cons
Next Steps

• Might be nearing its final form
  – But if it is really aiming for PS, needs some stronger normative guidance