

draft-ietf-stir-oob-02

Out of Band

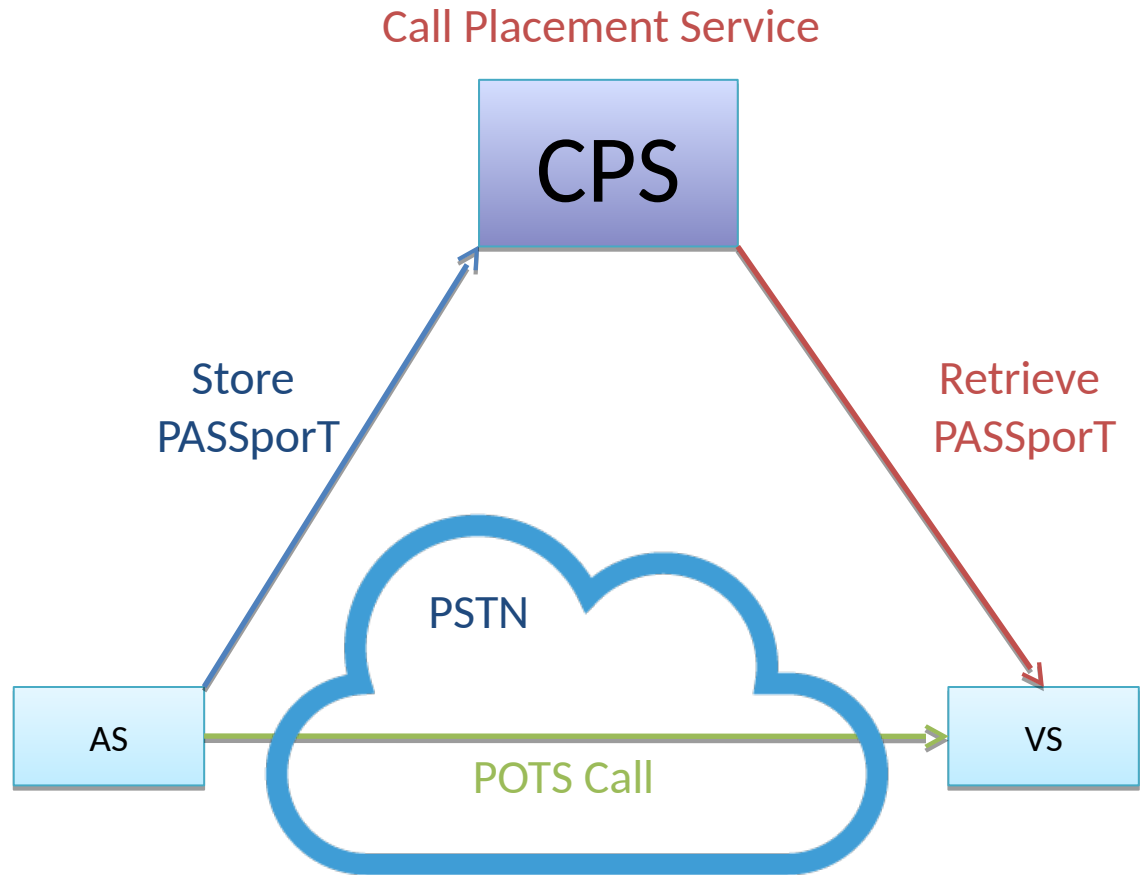
STIR WG IETF **101** London

March 2018

Limits of 8224

- It's in-band – end-to-end IP-IP
 - At best, it addresses the SIP-to-SIP use case
 - Not going to help with SIP-to-PSTN, PSTN-to-PSTN
 - Important for transitional adoption, legacy networks, enterprises, etc.
 - We did in-band first because existing deployments need it
 - Like the IPNNI, now the SHAKEN profile
- Even some IP-IP deployments may not pass Identity e2e
 - Difficult to anticipate what will survive administrative boundaries
 - You can understand “boundaries” pretty broadly
 - And some existing deployments might just block Identity
 - As they block all new headers; especially B2BUAs

Basic STIR Out of Band



Authentication and Verification Services are not just end-user devices

What's New?

- Added some text about AS and VS behavior
 - RFC8224 described steps very much in SIP terms
 - Now more generic guidance for validating PASSporTs against calls without SIP
 - Some steps specific to interfacing with a CPS
- Mocked up a REST interface for a CPS
 - Pretty obvious approach
 - Still much to do, including integrating flood control mechanisms to it

Next Steps

- To Do – flesh out solution more
 - Need to turn the HTTP interface into more than just a mock-up
 - Need to specify at least one CPS discovery mechanism
 - A much-studied problem, service discovery