PASSporT divert and Out-of-Band Update

IETF 105 (Montreal) STIR WG
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Escaping the WG

• Both divert and OOB have progressed out of the WG
• “div” largely unchanged after WGLC
  – Some cleanup still to be done, refresh examples
• More substantial changes to OOB
  – Introduced ECDH keying mechanism for encrypting PASSporTs at the CPS
Future of OOB

• Now we have a framework and architecture
• Potentially two further paths from here:
  – Specify “private” OOB protocol solution
    • Relatively feasible
    • Covers cases like enterprise-to-mobile OOB
  – Specify “public” OOB protocol solution
    • Tougher, but there is some interest in the market
    • Could help bootstrap smaller providers into STIR
• Or, we could let it sit for a while
  – When do we think there will be enough in-band?
Next Steps

• IETF LC
  Various clean-up needed
• Do some more work on OOB solutions, eventually