Background

- Draft-ietf-stir-passport-divert includes an optional “hi” element in the “div” PASSporT:
  - “hi” element contains the index of the related History-Info header field entry
  - Allows correlation of “div” PASSporT with a History-Info header field entry, which provides more information as to why the request was retargeted
  - Note: Reason is not captured in the case of TEL URIs

- History-Info header field captures the request URI as requests are retargeted and tags the type of retargeting:
  - “rc”: target user remains the same
  - “mp”: target user changes to an AOR unassociated with the AOR of the original target user
  - “np”: no change in the request URI

- The “div” PASSporT added in the case of an “mp” type of retargeting.
Example

PASSporT for initial request:
```
{ "orig":{"tn":"12155551212"},
 "dest": {"tn":"12155551213"},
 "iat":1443208345 }
```

“div” PASSporT
```
{    "orig":{"tn":"12155551212"},
    "dest": {"tn":"12155551214"},
    "iat":1443208345,
    "div":{"tn":"121555551213",
            "hi":"1.2.1"} }
```
Discussion points

1. History-Info captures the new target – i.e., when the entry is added it has the same value as the request URI for the request to which it was added.
   • “div” PASSporT added when a request has been retargeted *and* the destination AOR changes to one not associated with the original target

2. Is there value in adding more information to the PASSporT related to History-Info?
   • For example, capturing the Reason
3. Other use cases to consider?
   • ACD/Contact Center
   • Current scams such as hacking into someone’s voicemail, changing greeting that allows the use of acct for collect calls. Latter are typically from international gateways – thus could block calls with GW attestation (“C”).
Way Forward

• Is there value in continuing work on the call flows?