Updates to the Updates to Asserted Identity in SIP

draft-kaplan-sipping-pai-responses-00

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The Setup

- RFC 3325 only specified 6 specific methods for PAI/PPI inclusion

- draft-ietf-sipping-update-pai-09 updates RFC 3325, to include PAI/PPI in any SIP request method type

- But it does not include it in SIP responses to those requests, for the new methods

Who Cares?

- Why do we need/want PAI in responses?
- You make a call to the PSTN, and you'd like to know the called party identity
- You send a MESSAGE note, and you'd like to know who received it
- You send a PUBLISH package, and you'd like to know to whom/what it got delivered

Background

- RFC 3325 explicitly allowed PAI in responses; for example, section 5:

  ```
  If the proxy receives a message (request or
     response) from a node that it trusts, it can
     use the information in the P-Asserted-Identity
     header field, if any, as if it had
     authenticated the user itself.
  ```

- But it was pulled out of draft-update-pai because of concern over not being able to authenticate responses, ACK or CANCEL

Rationale for allowing it

- Read the draft
- Essentially, it's mostly only useful within a Trust Domain, or for pre-authenticated UAC's
  - Which is basically the case for PAI to begin with
- There *are* also other potential means of authenticating it in a response
  - E.g., draft-kaplan-sip-asserter-identity-01

Proposal

- Is there interest in this?
- If WG accepts this, can we modify draft-sipping-update-pai before publication?
- If not, is there some procedural means of working on this without creating a WG?
- Plan-B: just an individual draft to RFC-Editor