History-Info header and Support of target-uri Solution Requirements

draft-ietf-sipcore-4244bis-04.txt

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Status

• Two updates since IETF-79:
  1. Resolution of issues discussed at IETF-79 and editorial clarifications including:
     • Rewrite of Privacy section
     • Rewrite of Reason header field section
  2. Reorganizing of material for readability and editorial clarifications:
     • Added concept of caching the hi-entries and using cache when building requests and responses.
     • Removed the “escape” terminology for inclusion of Reason and Privacy header fields in the hi-entries.
Issue: Adding Reason header field

- Per IETF-79 discussion, Reason header field is added to the hi-entry containing the hi-targeted-to-uri which is the URI that is being retargeted as a result of a response.
- 04 describes the processing of hi-entries in terms of a cache that gathers all the hi-entries received in responses.
  - hi-entry for the target of the request is added to the cache when the response is received (and not when request sent)
  - Reason is added to the hi-entry for non-100 responses
  - Then any additional hi-entries received in the response are added to the cache

- Issue: Current processing would add a Reason header field to an hi-entry for a 2xx response.
- Proposal: Add Reason header field for all cases except for 100 or 2xx responses.
Way Forward

• Update document reflecting issue resolution along with editorial and other clarifications per John Elwell’s review.
• 2nd WGLC
• Agree call flows as a WG document and progress shortly after 4244bis.