TEEP/HTTP Transport
draft-ietf-teep-otrp-over-http-13

Dave Thaler

Timeline

- FEB 2020: WGLC completed

- JUL 2021: Draft-12 submitted to IESG

- JAN 2022: AD (Ben) feedback
  - https://mailarchive.ietf.org/arch/msg/teep/2LQNklErJOx2MyftwUL61rM7GlU/

- FEB 2022: Updated draft-13 to address AD feedback
  - https://mailarchive.ietf.org/arch/msg/teep/DW_H2BsPNVdtIkdk64d7cbL6zYg/

DoS possible by REE – addressed in arch doc

Added to security considerations of transport draft:

- See section 9 of [I-D.ietf-teep-architecture] for security considerations specific to the use of TEEP.

HTTP references

- For HTTP procedures to verify authenticity of server
    - Replaced RFC 6125 with the more specific draft-ietf-httpbis-semantics#section-4.3.4 (which cites RFC 6125), in RFC Ed Queue

- RFC 6125 and RFC 7525 have active "bis" drafts in UTA but are only drafts
    - Could pull in later if available before RFC but otherwise leave as is

Other notable feedback

- Removed leftover text implying there might be more than one TEEP media type

- "SHOULD" fail request if wrong Content-Type received even though BCP56bis doesn't require it
  - No change since SHOULD previously passed WGLC
  - Useful to prevent bugs and encourage TEEP protocol interoperability

- Added TAM URI to UnrequestTA abstract API for consistency with RequestTA

- Various other editorial wordsmithings accepted as Ben suggested