

OTrP over HTTP

draft-ietf-teep-otrp-over-http-01

Dave Thaler <dthaler@microsoft.com>

Summary

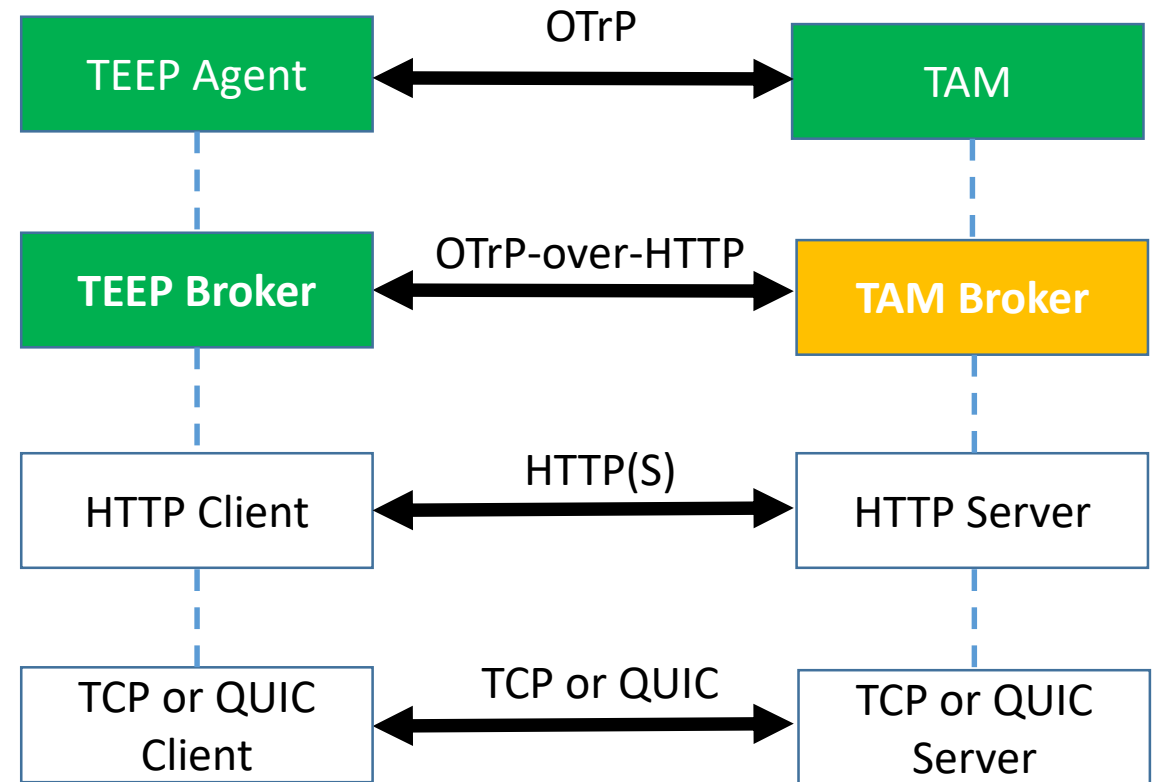
- Adopted as WG document
- Document moved to WG github
 - <https://github.com/ietf-teep/otrp-over-http>
- Github issues used for issue tracking
- Three issues filed:
 1. Terminology alignment on transport layer implementation
 2. HTTP Bindings
 3. Move media type to OTrP spec (DONE)

Issue #3: Move media type to OTrP spec

- Problem:
 - Previously application/otrp+json was normative in transport spec
 - Transport doesn't actually care what the content is, just passes to OTrP
 - Interest in OTrP also supporting CBOR, without changing transport spec
- Solution:
 - Made Content-Type value informative in transport spec
 - All normative content and IANA considerations moved to OTrP spec
- Status: DONE

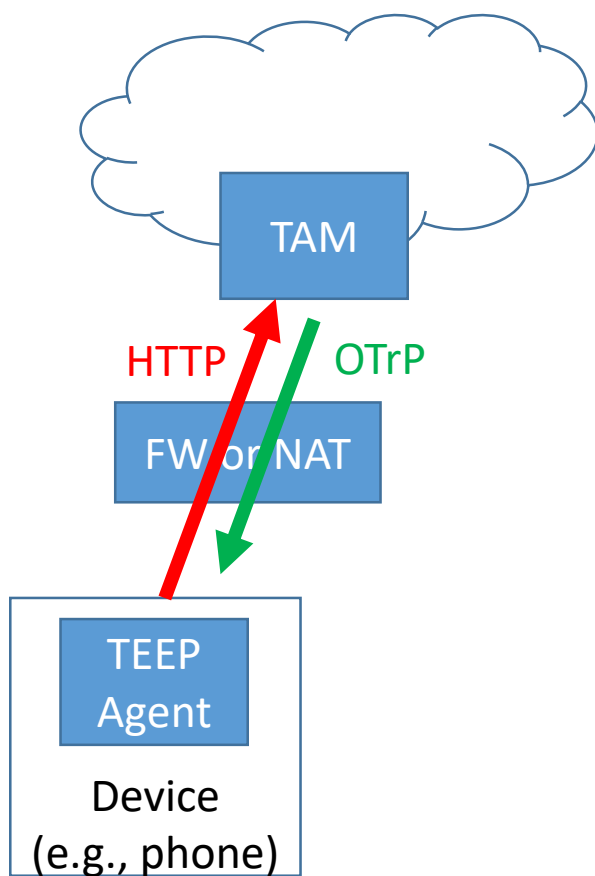
Issue #1: Terminology alignment

- Arch doc has green terms
 - “TEEP Broker” is arch doc’s name for **REE application**, independent of protocol
- Is Broker the right term for OTrP-over-HTTP?
- Layer of TEE/REE split might vary by implementation
 - What if HTTP(S) Client is inside TEE, so Broker just does TCP/QUIC layer?
 - What if TAM is not inside a TEE, so nothing to “broker”?

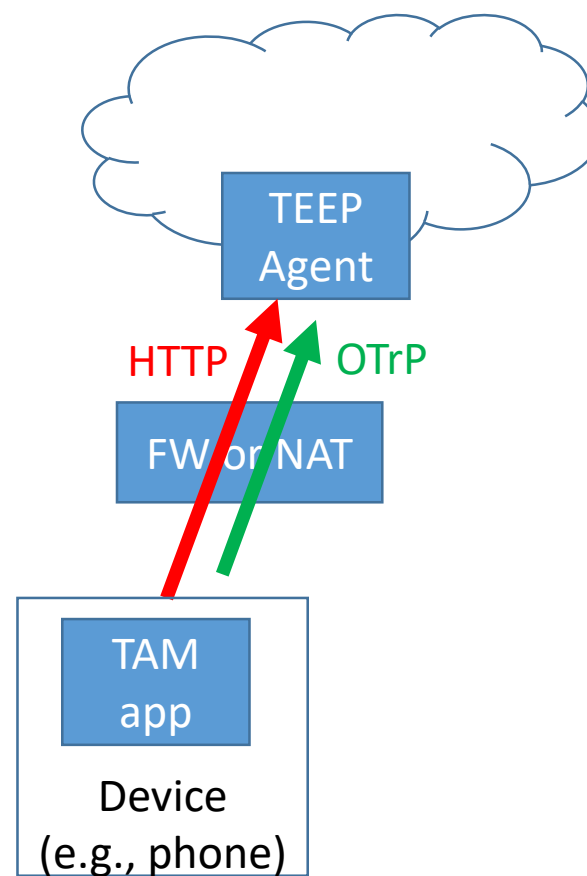


Issue #2: HTTP Bindings (1/2)

Current model:



Anders asks about:



Issue #2: HTTP Bindings (2/2)

- OTrP is most applicable when the entity wanting the TA installed (e.g., a user) is different from the entity authorizing TA installs (e.g., TAM admin)
 - Does that happen today in a cloud case?
- Options:
 - A. Do nothing
 - B. Punt to future work, but update title of this doc
 - C. Start on separate doc, and update title of this doc
 - D. Work on now, in same doc

Questions?

- Anything else?