

# OTrP over HTTP

## draft-thaler-teep-otrp-over-http-01

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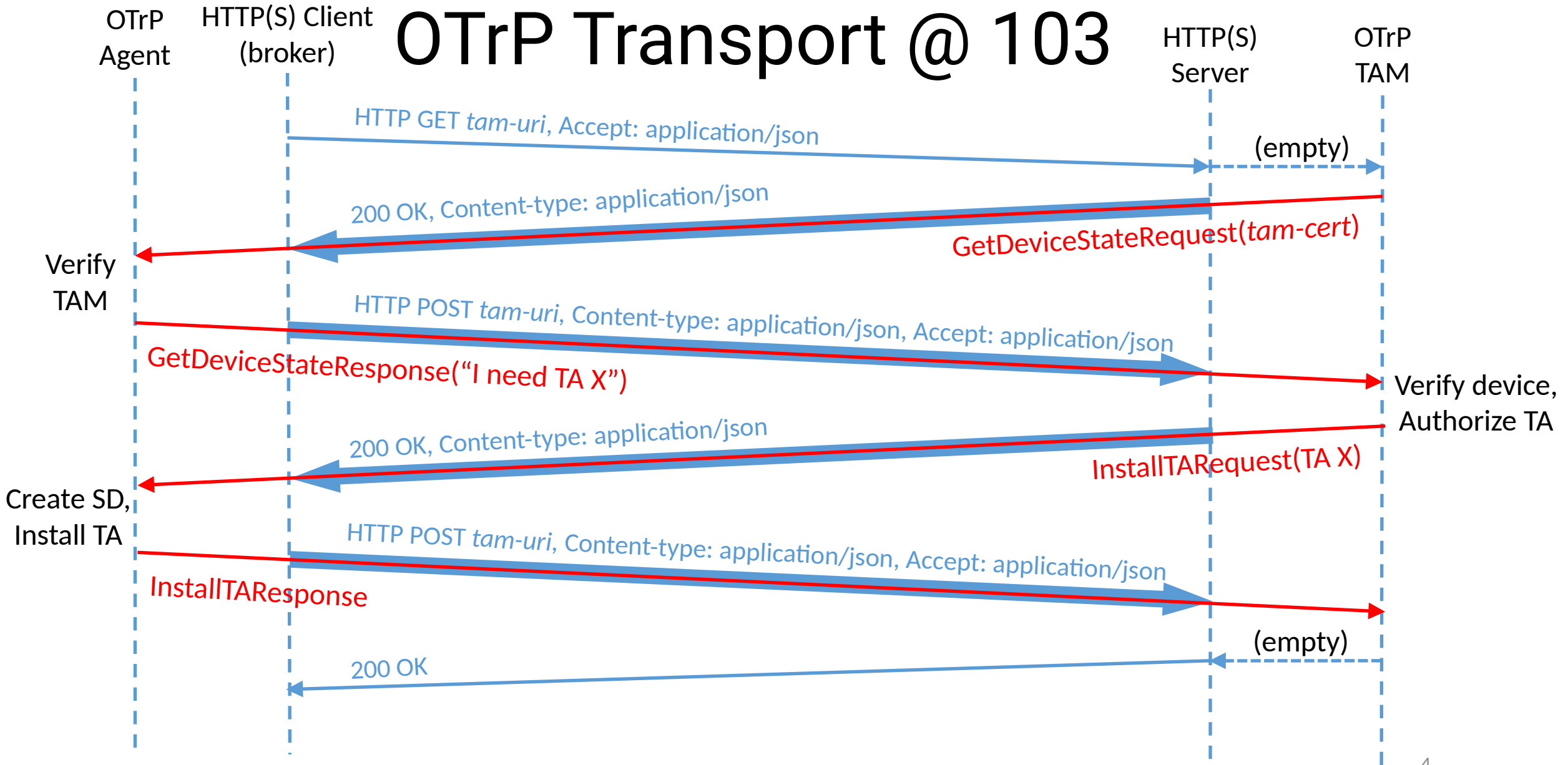
# OTrP vs Transport

- Division of labor in specs
  - OTrP spec covers TEE communication: Agent <-> TAM
    - Does not specify transport under OTrP
  - Transport is REE communication: Agent Broker <-> TAM (Broker)
    - TAM might have a TEE as well
    - Should we add “TAM Broker” as a term to the arch doc?
    - Arch doc also uses “TEE” to mean device, should probably fix that too
- Transport details (see later slide)
  - Designed and implemented at IETF 103 hackathon
  - Presented and discussed during IETF 103 meeting
  - Documented in this draft

# Handling policy changes at TAM

- Presented at IETF 103 meeting:
  - Designed (not implemented) periodic checks for policy changes
    - OTrP agent triggers session when new TA is needed, e.g., by app installer
    - OTrP agent also triggers session either:
      - A) at interval configured by TAM, OR
      - B) lazily when existing TA is started and it's been longer than that interval
- Agent broker behavior is now specified in this draft

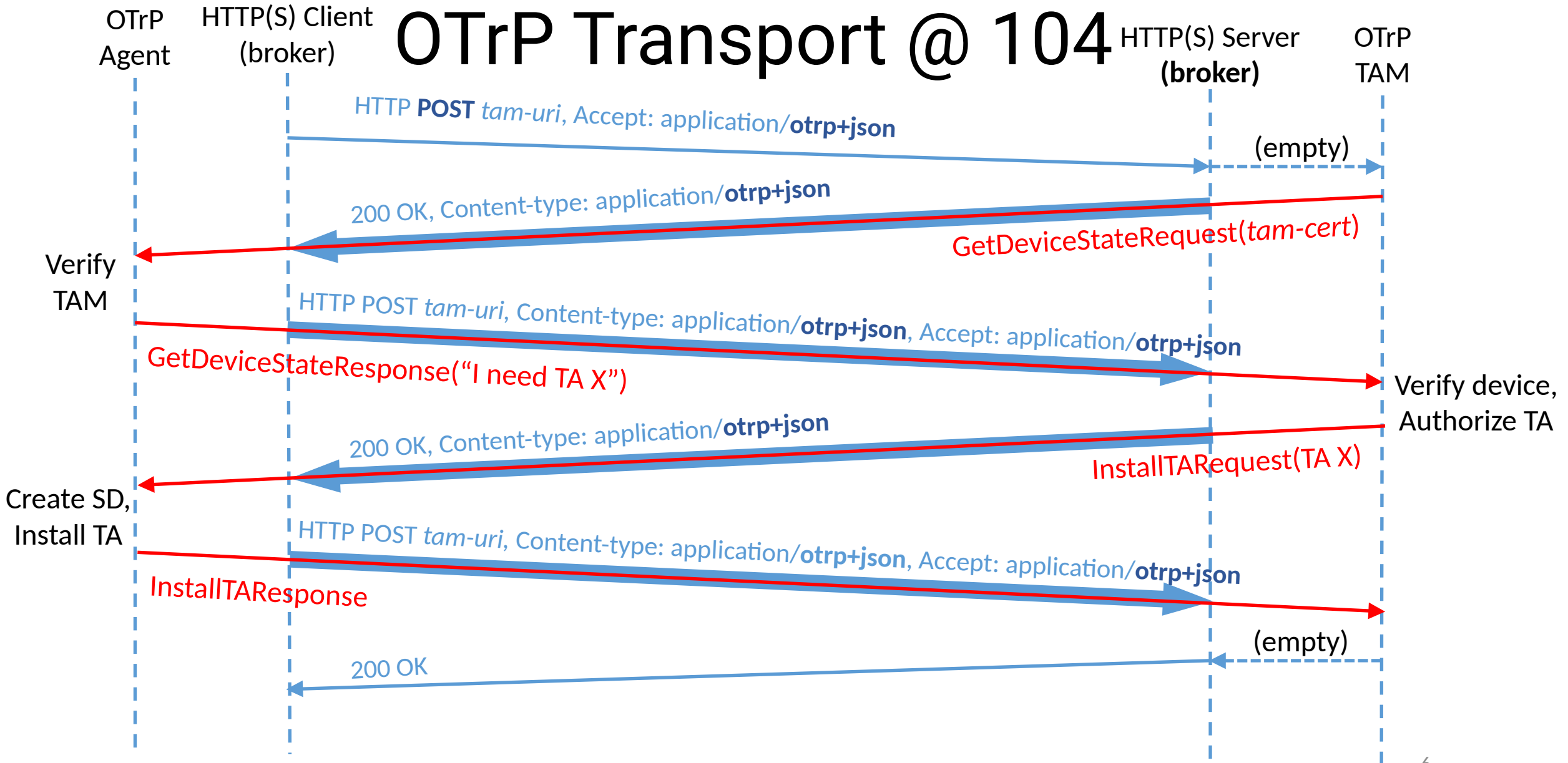
# OTrP Transport @ 103



# Bcp56bis review

- HTTPBIS WG document on “Building Protocols with HTTP” (i.e., using HTTP as a transport)
  - <https://tools.ietf.org/html/draft-ietf-httpbis-bcp56bis>
- Use media type application/otrp+json instead of application/json
  - Currently in IANA Considerations section of this spec since HTTP is in broker
  - Should it be moved to the OTrP spec since that’s where the JSON is spec’ed?
- Mark Nottingham (author of httpbis doc) did a review of this I-D:
  - Change GET to 0-length POST (done)

# OTrP Transport @ 104



# Next Steps

- Two independent implementations in progress since 103 hackathon
- Ready to adopt as WG document?