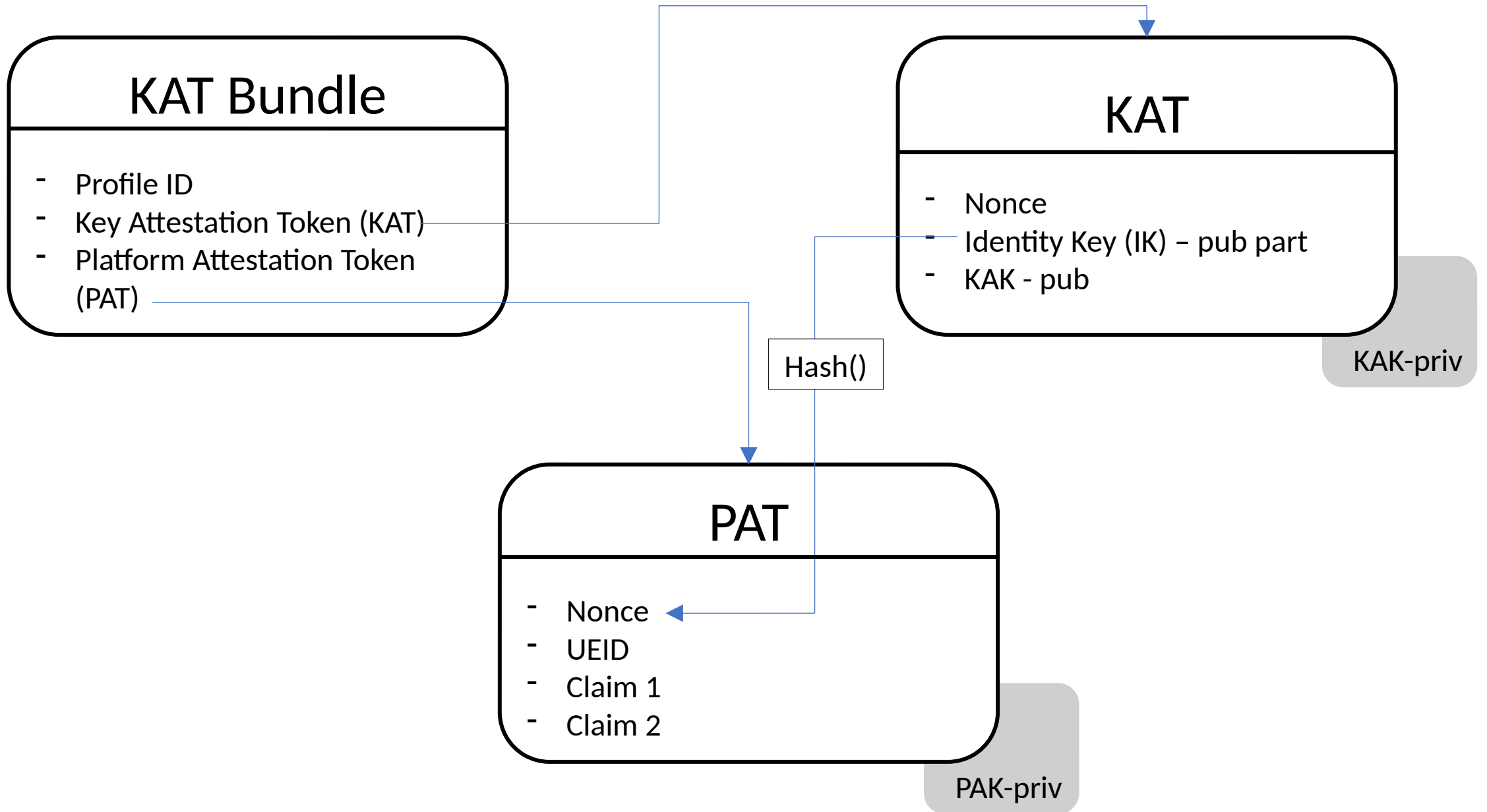


EAT-based Key Attestation Token and Attestation in TLS

draft-bft-rats-kat-00

draft-fossati-tls-attestation



Using the KAT in TLS

- In [draft-fossati-tls-attestation](#) we describe how to use the KAT bundle with the TLS handshake.
- Steps:
 1. Generate IK key pair
 2. Obtain Nonce from peer
 3. Create KAT Bundle with IK and nonce
 4. Transmit KAT Bundle to peer
 5. Demonstrate possession of IK-priv
- [draft-fossati-tls-attestation](#) is agnostic to the attestation technology used thanks to [draft-ftbs-rats-msg-wrap](#).

More Info

- Drafts:

- <https://datatracker.ietf.org/doc/draft-fossati-tls-attestation/>
- <https://datatracker.ietf.org/doc/draft-ftbs-rats-msg-wrap/>
- <https://datatracker.ietf.org/doc/draft-bft-rats-kat/>

- Prototyping code:

- Veraison: <https://github.com/veraison/services/tree/ietf-115-hackathon>
- Parsec: <https://github.com/ionut-arm/parsec-se-driver/tree/attested-tls/>
- TLS extension: <https://github.com/hannestschofenig/mbedtls/tree/tls-attestation>