

# **EAT Open Issues**

**Virtual Interim, Dec 12 2022**

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# Changes Since IETF 115 – Draft 18

- Renamed “secboot” claim to “oemboot”. Describe as OEM Authorized Boot
- Replace term “attestations” in intended use claim
- Be clear about nonce providing *freshness* and *replay protection* in privacy considerations section
- Also some typographic and completely minor wording changes are merged and ready for when draft 19 is published

# Remaining Issues for Review

**EAT authors believe no changes are needed to resolve most of the following issues**

# Registration of YANG objects (GitHub PR #10)

- The issue requests guidance on how to create YANG objects for claims
- Response: Overreach for the EAT document which focuses on CBOR and JSON
- History
  - Issues was raised in 2019
  - No supporting comments for a few years

# Reordering of Sections (GitHub PR #144)

- Suggests re ordering with claim definition happening later in the document
- Response: EAT ordering matches that of JWT and CWT RFC; Other section & structure improvements since issue was filed
- History
  - Issues was raised in October 2021
  - No supporting comments

# UEIDs labels & UEID being the same as SUEID (GitHub PR #291)

- Issue asks how SUEID labels are assigned
- Response: Text in draft-13 (against which issues was filed) explains that their assignment is intentionally left open
- History
  - Comment was against draft-13 raised on mailing list May 31 (5 months ago)
  - No supporting comments
- Issue asks if UEID and SUEID can be the same
- Response: Rules for UEID and SUEID implicitly allow them to be the same; rules are clear as they are and don't need improving
- History
  - Comment was against draft-13 raised on mailing list May 31 (5 months ago)
  - No supporting comments

# Measurement results claim too general (GitHub PR #293)

- Requests that measurement results claim be removed because it is too general for RP to interpret
- Response:
  - Measurement results claim has a simple pass/fail option
  - RP must always understand Verifier policy to understand any claim
  - Measurement results claims carefully explicitly explains why it is general
- History
  - Comment was against draft-13 raised on mailing list May 31 (5 months ago)
  - No supporting comments

# Endorsement / Verification Keys (GitHub PR #295)

- Requests specification of methods for verification key/endorsement ID
- Response:
  - Appendix F provides good examples of UEID-based, certificate-based and various forms of COSE kid
  - Verification key/endorsement IDs will vary widely and wildly from use case to use case
  - Verification key/endorsement IDs should be specified in separate documents
- History
  - Comment was against draft-13 raised on mailing list May 31 (5 months ago)
  - No supporting comments



# Prohibit forwarding of claims about the token (GitHub PR #345)

- Section 4.3 on the profile, intended use and iat claims says that these claims SHOULD NOT be passed through from the evidence token to an attestation results token. This PR requests it be changed to SHOULD NOT and perhaps some other explanatory text be added.
- Response:
  - Possibly wontfix
- History
  - Recently raised