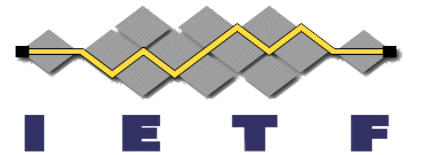


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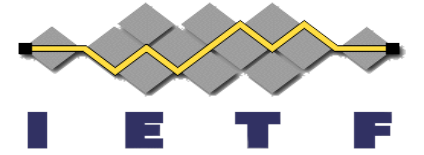
CBOR Web Token (CWT) Claims in COSE Headers

draft-ietf-cose-cwt- claims-in-headers

Tobias Looker & Mike Jones
IETF 116, Yokohama
March 27, 2022

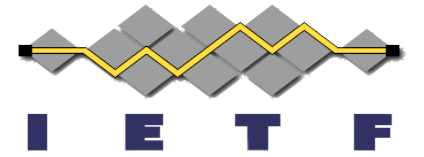


What Does It Do?



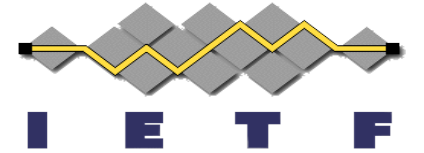
- Enables including CBOR Web Token (CWT) claims in a COSE header parameter
- CWT claims are contained within a new COSE header parameter because there are conflicts between the numeric header parameter assignments and the numeric CWT claim assignments

Why Do It?



- In some cases, it is useful to express CWT claims in a header parameter of a COSE structure instead of just in the payload
- Examples:
 - Including unencrypted claims, such as Issuer, in an encrypted CWT
 - Including CWT claims when the payload isn't a CWT

Status



- Very simple draft that does one thing
- Adopted by working group in July 2022
- Just published -03 with a couple of minor changes:
 - Added a CDDL description for the value type of this header
 - Clarified treatment of the claim in protected vs unprotected usages

Next Steps

- Time for Working Group Last Call?

