

Extending kid to int

draft-selander-cose-kid-int-01

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Allow short key identifiers

- Short identifiers are beneficial in constrained IoT settings
- Critical to meet frame size requirements in certain use cases
- CBOR allows 48 1-byte ints (-24, ..., 23) but only one 1-byte bstr (h")
- Amendment: Extend kid to int
- Agreement on the COSE mailing list make the change
 - <https://mailarchive.ietf.org/arch/msg/cose/qGngdte4s3SEZEKM-xBEoXYUgKc/>

Registry "COSE Header Parameters":

OLD

Name	Label	Value Type	Description
kid	4	bstr	Key identifier

NEW

Name	Label	Value Type	Description
kid	4	bstr / int	Key identifier

+ similar changes for
"COSE Key Common Parameters"
and
"CWT Confirmation Methods"