

# HTTP Origin Bound Authentication: HOBA draft-ietf-httpauth-hoba

IETF-87

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# Issues [proposed resolutions]

- tbsorigin fix [will be done]
- Merge of hoba-http and hoba-js text and move some to appendix [editors will do]
- Registration flow from list [needs thought still]
  - Off-origin re-directs? [more thought, probably say “don't”]
- Add expiry to response body for getchal [do it]
- Any benefit from re-using JOSE compact form for signature? [current answer: probably not]
- Replay situation ok? [good enough for experimental]
- More security & privacy considerations [tbd]
- Keep logout [yes]
- Make TLS a MUST/SHOULD/MAY use or say nothing [SHOULD]
- Add ECDSA or not? [not]
- HTTP proxy-auth or not? [not?]
- Do we need all the .well-known/hoba registrations? [gotta check]

# Plans

- Do some of the edits here, shoot out -02 soon
- Might even be ready for WGLC then
- Implementation status:
  - Mike Thomas has an implementation of the hoba-js pattern (no XHR)
  - <https://hoba.ie/> has an implementation of -01 hoba-http; Apache/PHP server; JS client (uses standard HTTP headers via XHR); v. basic 'C' library; source will be released “shortly”
  - Both will benefit from W3C WebCrypto API