

Updates to HOBAs IETF 88, Vancouver

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Passwords are still terrible

- Password re-use across web sites still happens
- Large sites still lose their password databases with distressing regularity
- HOBA eliminates the need for passwords for identifying a user with a browser to a web site

Changes from -01 to -02

- Tightened up the introduction to focus on the mechanisms
- Combine HOBA-http and HOBA-js descriptions, calling out differences where needed
- Added security consideration for multiple accounts in one browser

Still to do

- Many in-line open questions
- More thought about whether the “other parts of the HOBA process” such as registration, associating additional keys to an existing account, logging out, and getting a fresh challenge should be generalized to password-using protocols as well
- More security considerations