Hackathon Experiences

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Six persons working on DoH
We have five public DoH servers (three “production”), all using different code bases
Four (available) server software (Python, Lua...)
Five client software (Python, C, JavaScript, Perl...)
Two libraries

https://github.com/IETF-Hackathon/ietf101-project-presentations/tree/master/DoH
Results

- Everyone happily talks to each other
- No surprise: DoH is a no-brainer
- Running over HTTPS challenges some assumptions in the libraries
- Some things are not fully specified
Issues seen during the hackathon

- GET, POST, OPTIONS and HEAD (risk for interoperability)
- Only one server returns Expires: Should it? (“Caching model” thread in October 2017)
- “Translation” of DNS response in HTTP status code and/or headers