

DOH! DNS over HTTPS



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About Lin Clark

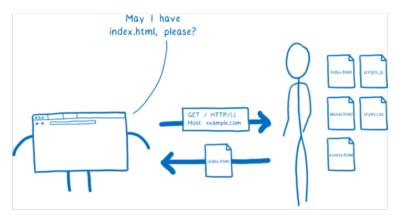
Lin is an engineer on the Mozilla Developer Relations team. She tinkers with JavaScript, WebAssembly, Rust, and Servo, and also draws code cartoons.

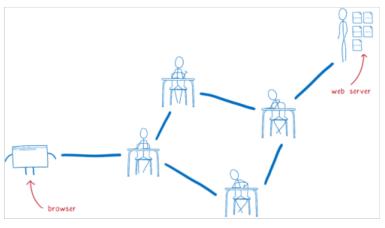
- **code-cartoons.com**
- <u>@linclark</u>



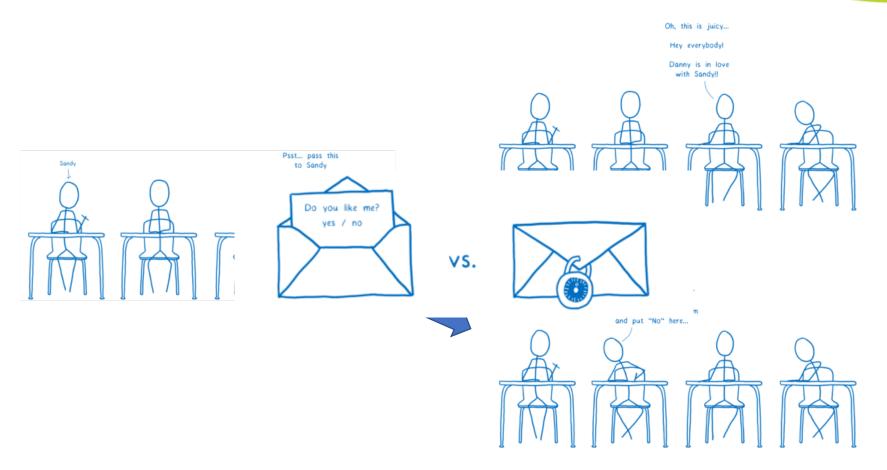
- How the Internet works
- Problems with the current model
- TRR and DOH to stop the exploitation of DNS



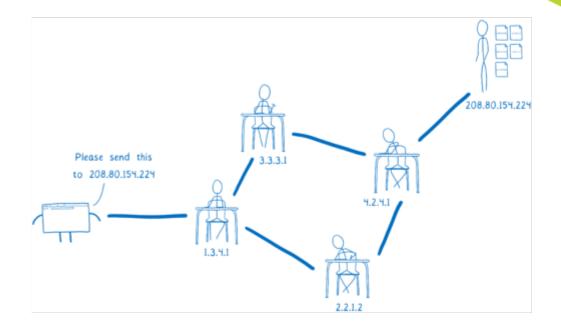








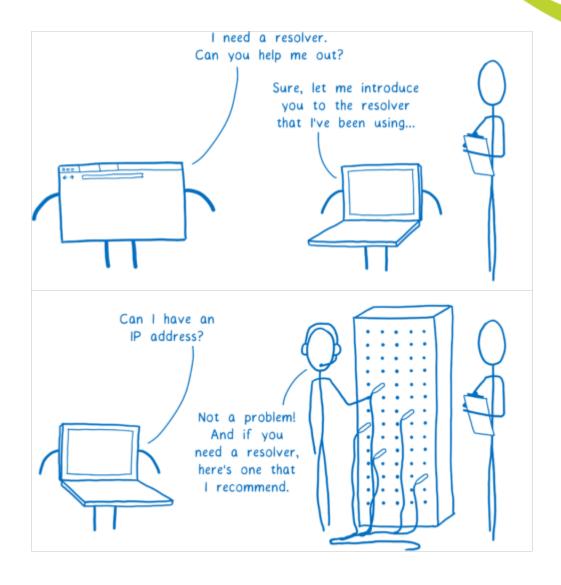




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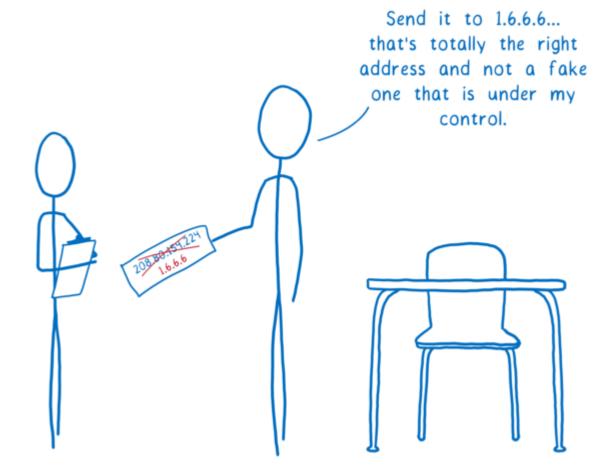


Privacy Security



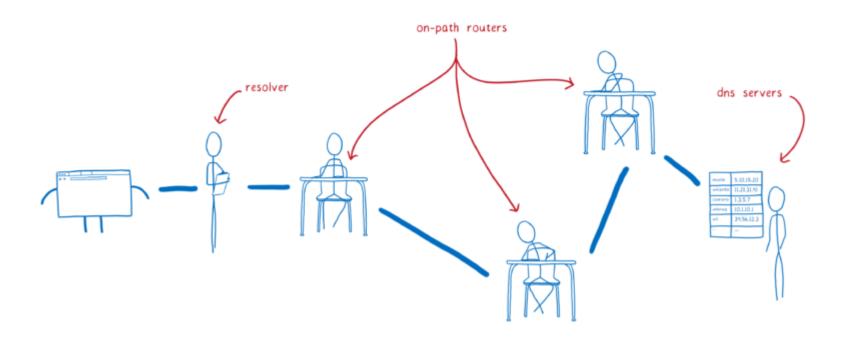








POTENTIAL THREATS







Trusted Recursive Resolver

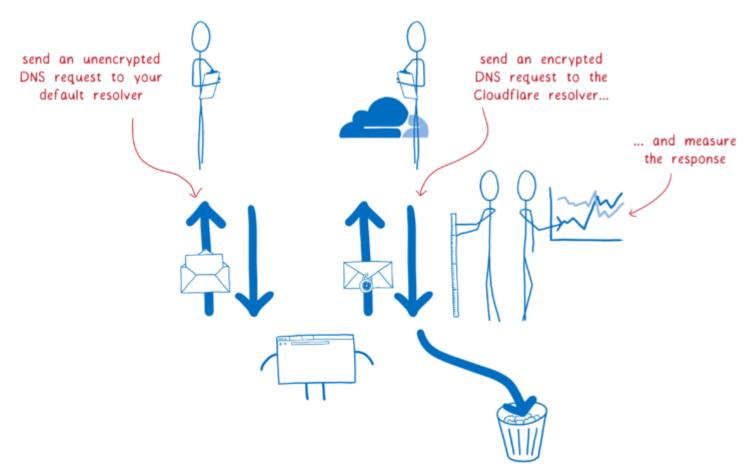




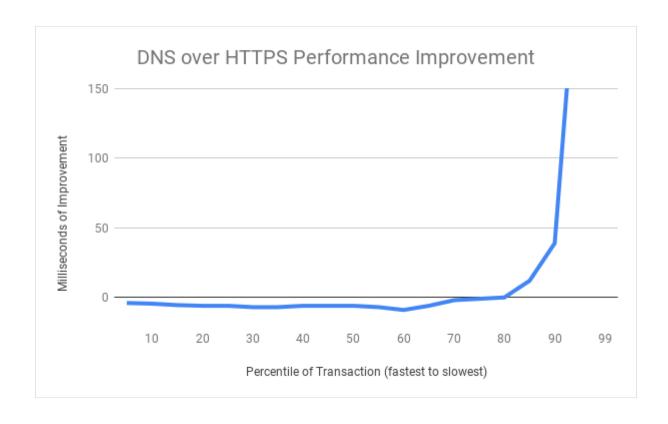


DNS over HTTPS

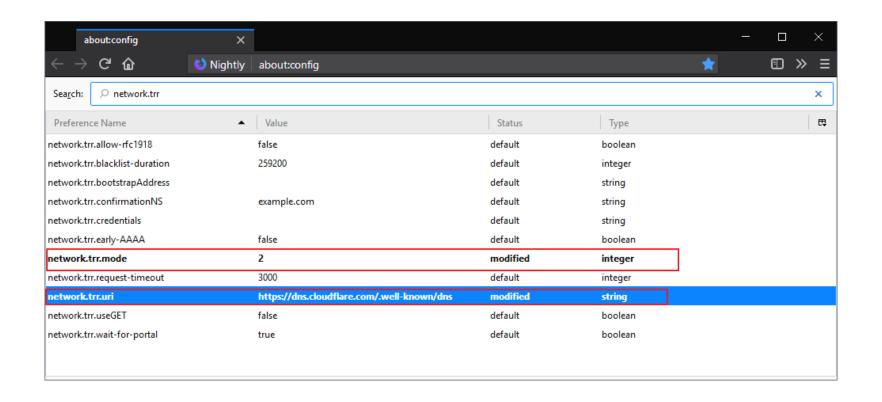














Why should I be excited?



Any issues with this?



What about attackers exploiting DNS encryption?



References

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- https://tools.ietf.org/html/draft-hoffman-resolverassociated-doh-01
- https://blog.nightly.mozilla.org/2018/08/28/firefoxnightly-secure-dns-experimental-results/
- https://hacks.mozilla.org/2018/05/a-cartoon-introto-dns-over-https/



Q&A



