Welcome to the DNS Privacy project home page

This site is the home of a collaborative open project to promote, implement and deploy DNS Privacy. The goals of this project include:

- Raising awareness of the issue of DNS Privacy
- Empowering users to take advantage of DNS Privacy tools and resources (client applications, DNS Privacy resolvers)
- Evolving the DNS to support DNS Privacy in particular, developing new DNS Protocol standards
- Working towards full support for DNS Privacy in a range of Open Source DNS implementations including: getdns, Unbound, NSD, BIND and Knot (Auth and Resolver)
- Co-ordinating deployment of DNS Privacy services and documenting operational practices

Among the many contributors to this project are Sinodun IT, NLnet Labs, Salesforce, Surfnet, NLnet Foundation, OTF, Stephane Bortzmeyer and No Mountain Software.

DNS Privacy - Current Work

See past DNS Privacy work

June 2020

- Searching in the address bar can leak DNS queries on the local network in Chrome and Firefox

May 2020

- Chrome 83 ships with DoH auto-upgrade option (and manual configuration options)
- Microsoft announced DoH client available for Windows Insiders
- New drafts submitted to the IETF ADD WG on discovery
- EDDI has produced a Interim DoH Discovery Proposal for Browser and OS vendors
- US Govt agencies to disable DoH until their own federal DoT/DoH service is available
- ISC publish a design document for their upcoming support of DoT and DoH

April 2020

- DNS-over-QUIC draft adopted by DPRIVE WG at IETF
- CIRA (the .ca registry) announce Canadian Shield a free DoT&DoH service hosted in Canada
- Latest from Chrome on their DoH release plans
- Cloudflare now offer "Cloudflare 1.1.1.1 for families" with filtering options
- The Register article on the Cloudflare 1.1.1.1 audit results

Overview of DNS Privacy Status

High level overview of ongoing work on DNS Privacy with monthly updates

Contact

If you are interested in contributing to the project please contact:

- Sara Dickinson (sara@sinodun.com)
- Allison Mankin (allison.mankin@gmail.com)
- Benno Overeinder (benno@NLnetLabs.nl)
DPRIVE Working Group

Catch up with the latest standards being developed to support DNS Privacy: DPRIVE Working group

Reference Material

For a list of useful RFCs, Internet Drafts and presentations see the Reference Material page.

Support

Thanks to NLnet Foundation and OTF for donations to support DNS Privacy work. Thanks for past support from Verisign Labs.

We now have a twitter account: and a YouTube channel

Comments, JIRA and Bitbucket Access

After a spate of spam comments we have reluctantly change permissions so that commenting on pages requires a user account. An account also provides access to submit general privacy issues in the issue tracker and contribute to the code repositories create a user account (note that Stubby has it's own issue tracker in github):

Sign up for a user account