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: gotdns, 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, Surftnet, NLnet Foundation, OTF, Stephane Bortzmeyer and No Mountain Software.
DNS Privacy - Current Work

See past DNS Privacy work

April 2020

- 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

March 2020

- ADD holds its first Working Group meeting (virtually) at IETF 107
- ICANN public Version 2 of their Local and Internet Policy Implications of Encrypted DNS
- Chrome release freeze will delay rollout of DoH

February 2020

- Firefox moves to DoH by Default for all US users.
- ADD (Adaptive DNS Discovery) Working Group at IETF has charter approved and will meet at IETF 107 in Vancouver
- Presentations at OARC 32:
  - DNS Encryption: Operational Experience and Insight
  - A DoT naming, publication, and discovery scheme
  - Status of DoH/TRR in Firefox

January 2020

- Early observations from the BT and DT DoH trials - https://www.youtube.com/watch?v=GhyO9K_w1JU&feature=youtu.be
- Interesting APNIC Blog article on What is the DNS anyway?
- ACLU piece on the DoH Privacy Battle
- Details of Google Chrome’s 'same-provider-upgrade' plans
- EFF’s take on Encrypting DNS: Year in Review 2019

Overview of DNS Privacy Status

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

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.

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)

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

Support

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