# DNS Privacy Project Homepage

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, Surftnet, NLnet Foundation, OTF, Stephane Bortzmeyer and No Mountain Software.

DNS Privacy - Current Work
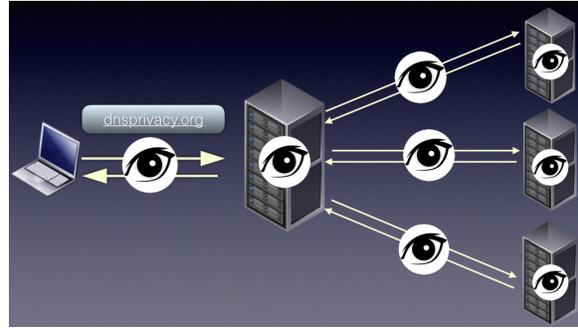
[See past DNS Privacy work](#)

June 2019

- [NSD 4.2 supports DoT](#) - first open source authoritative server to do this!

May 2019

- Interesting analysis of the current DoT/DoH software picture: https://doh.defaultroutes.de/implementations.html
- UK House of Lords Agenda for 14th May [includes a Question on DoH.](#) This follows much media coverage in the UK e.g.
  - The Times article "[Warning over Google Chrome browser's new threat to children](#)"
  - Daily Mail "[Google's plans for new encrypted Chrome web browser could make it harder for UK government to stop computer users watching porn online](#)"
    - "Crisis talks are being held on May 8 by the National Cyber Security Centre (NCSC), part of GCHQ, to discuss the risks the new encrypted browser will present, "
  - [PC Pro article on DoH](#)
- Much discussion of DoH at 2019 the [ICANN DNS Symposium](#) (including a panel in the afternoon session)
  - Good talk on the [DoH Dilemma by Vittorio Bertola](#)
  - [ISP centric view of DoH by Andy Fidler](#) of British Telecom
  - And the view of Paul Vixie on [Benefits and Hazards of Non- Local DNS Resolution](#)
  - Panel on DoH (1hr 50 mins into [this recording](#))
- Interesting.... https://www.nextdns.io: "The next-generation DNS", a hosted, private DNS resolver with DoT and DoH support and blocklists.
- Quad9 have launched their own mobile app "[Quad9 Connect](#)" for Android
  - Along with a statement they will never host web content on the same IP as a DoH endpoint.
- The ISP Internet Initiative Japan (IIJ) launches a [Beta trail of DoT and DoH](#) (article is in Japanese)

April 2019

- Mozilla statement on their [DoH TRR policy requirements.](#)
- Knot resolver [adds experimental DoH in 4.0.0!](#)
- Latest results from [Mozilla on their Firefox DoH testing](#)

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.

Support

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

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](#)