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: 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, Surfnet, NLnet Foundation, OTF, Stephane Bortzmeyer and No Mountain Software.

DNS Privacy - Current Work

See past DNS Privacy work

July 2021

- Great summary of the responses to Mozilla’s TRR consultation by Andrew Campling
- Firefox announces roll out of DoH by default (using CIRA) for Canadian users
- Apple iCould Private Relay will encrypt DNS and web traffic

June 2021

- Quad9 will appeal the injunction obtained by Sony seeking to block DNS resolution of certain domains.
- Windows 11 will include DoH support
- Mozilla’s TRR Public Consultation results
- Geoff Huston’s take on resolver centrality from IDS2021

May 2021

- QUIC protocol specification is published: RFC9000
- Increasing adoption of the European Resolver Policy: press release
- OARC 35 included talks on Oblivious DNS, XFR-over-TLS and ‘DNS over HTTPS over CGN or public NAT64’

April 2021

- European Resolver Policy published
  - RIPE DNS WG talk on this topic
- Updates on DoH Support in Chrome on Linux
- APNIC article on the interaction of web hosting co-location and DNS Privacy
Overview of DNS Privacy Status

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

IETF Working Groups

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

Work on adaptive discovery mechanisms for DNS is happening in the AD Working Group

Reference Material

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

Support

Thanks to NLnet Foundation, OTF and the Comcast Innovation Fund 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, code and issues

We are currently migrating the dnsprivacy.org site away from an Atlassian server installation and so from July 2021:

- For comments, updates or corrections to content here, please create an issue in our GitHub project
  - (We've disabled user comments)
- All code has also been migrated to GitHub
- User accounts are now limited in use and new accounts can no longer be created.