

# Performance Measurements



Thanks to a grant from the Open Technology Fund for funding work on performance measurements of DNS Privacy implementations.

We've done various pieces of work on this, the results can be found on the following pages:

- **[Initial measurements \(Q1 2018\)](#)**  
Using `dnstperf` concentrating on low numbers of clients for TCP/TLS for several nameservers and also on behaviour for low numbers of queries per connection
- **[Follow up work measuring \(Q4 2018\)](#)**  
Using `dnstperf` TCP/TLS for up to 24,000 clients for several configurations.
- **[Investigations of alternative benchmarking tools](#)**  
This included some tools used for HTTP that can model different client populations for session based transports
- **[Proposal for a new DNS measurement tool](#)**  
We have created an initial set of requirements for a flexible tool designed to support multiple protocols and that could more accurately model DoT and DoH clients traffic.