

Local Perspective Tool Work Party (WP) Call #2

Monday, 1 June 2020 at 15:00 UTC

Agenda

1. Welcome & Roll Call
2. Work Party Leader Selection
3. Enumerate end-user use cases:
 - a. Researcher/curious user in a University or Enterprise network
 - b. Enterprise IT staff (recursive resolver operators)
 - c. Topologically-remote network
 - d. Well-connected data centers (Google/CloudFlare) good for comparison?
 - e. Home users (testing ISP versus public DNS perspective of root)
 - f. RSOs
4. Discussion of CAIDA research
5. What set of measurements would be useful for testing perspective directly to RSS? Let's get an initial list to ground general thoughts on the set. We will revisit this periodically.
 - a. Local IP (ASN), geo-location?, RSS RTT (v4/v6/udp/tcp), RTT to first-hop router, RTT to well-known Internet infrastructure, traceroutes to RSS
6. What set of measurements would be useful for testing perspective of the RSS via the local resolver? Let's get an initial list to ground general thoughts on the set. We will revisit this periodically.
 - a. IP (ASN) of RR, RTT to RR, RSS RTT (v4/v6/udp/tcp), RTT to first-hop router, RTT to well-known Internet infrastructure, traceroute (from where?)
 - b. Compare RTT for cache miss versus cache hit
 - c. Compare RTT of configured RR versus well-established resolver (google/cloudflare/etc)
7. AOB
 - a. Next call on Monday, 29 June at 15:00 UTC