DNS Operations (DNSOP) Working Group Status

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Note Well

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Agenda

- Agenda Bashing and WG Status (5 min)

- WG Updates
  - DNS Prefetch Performance Data from W.C.A. Wijngaards

- Call for Adoption:
  - draft-hardaker-dnsop-csync
  - draft-hardaker-dnsop-dnssec-roadblock-avoidance

- Open Items
  - CDS/CDSKEY Discussion, Kumari-Olafur (20 minutes)
  - DS Query Increase, Fujiwara (10 minutes)
  - PCP to update Dynamic DNS, James Huang (10 minutes)
  - AS112 with DNAME, Abley (10 minutes)
  - Remote-Triggered DNS Cache Flashes, Abley (10 min)
    - draft-jabley-dnsop-flush-reqs
Agenda (ctd)

• New Items
  • IPv6 Multicast PTR records, Abley (5 min)
    • draft-jabley-multicast-ptr

• Late
  • IPv6 reverse prefix delegation, parent zone updates, Hunt/Andrews
    • draft-andrews-dnsop-pd-reverse
    • draft-andrews-dnsop-updating-parent-zones
Real Data

• Kindly provided by SURFnet.
• Data from prefetch in a production resolver.
  • Statistics have been graphed with cacti
• With Unbound, “prefetch: yes” in unbound.conf
• The graphs are one-week runs.
• Num.prefetch is 1.5% of total qps, 39 of 2689.6 qps.
  (cache hit rate is 84.9%).
• Very little difference