

Studies on Root Zone Growth

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What's In Store for the Root?

- IPv6 glue
- DNSSEC signatures
- New TLDs

Also...

- Continued anycast deployment
- Continued increase in query rates

A Few Months Ago..

- ICANN hired OARC to simulate changes to the root zone and explore how they affect:
 - The size of the root zone
 - Server response latency
 - Server start and reload times
 - Bandwidth requirements for AXFR and IXFR
 - Changes in response size, with an eye toward EDNS0, fragmentation, and TCP

Deliverable

- OARC will hand in its homework this month.
- Joint report to be published a month after that.

You may also have heard

- ICANN Board directed SSAC and RSSAC to also study these root zone changes
- The “Root Scaling” team led by Lyman Chapin is just ramping up
- Many of us here today should expect to be contacted and interviewed by Lyman's team
- Expect official announcement soon