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Harness Your Internet Activity

DNS-OARC
DNS(SEC) Testbed

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Ever wondered about this

- Why is DNS not resolving domain x

- What are other implementations doing

- Why is this domain validated by Google, but not by my ISP

- What will happen when I ask this server for y

Some examples

- Why can't I reach the .nz domains
- Nasa.gov
- Friendsofsleepingbear.com
- What happens if my NS record is a CNAME

Proposal

- Constant Testbed for all software at DNS-OARC

- Authoritative and Recursing

- Major versions
  - E.g NSD3 and NSD4

- Common configurations
  - DNSSEC
  - Non-DNSSEC

- Common set of sub-domains
  - Different DNSSEC algorithms
  - Many RRTypes
  - Maybe different failure modes

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Discussion

- Good idea or not?
- Who will provide what?
- Who will maintain what?
- Has somebody already done some work in that direction?
  - Could we re use it?
- Who can use it?