

Delegation only option

49.3

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- Do some research on the problems that the BIND delegation hack causes and document these

The Hack

- Return NXDOMAIN for TLDs unless in the exception list (root-delegation only)
- Bind 9.3.1
 - `root-delegation-only exclude { "de"; "lv"; "us"; "museum"; };`
- More on isc.org

more !del only

- Records: se, dj; 19 _nickname srv records in centr region
- Wildcards: cx, nu, ph, pw, tk, ws, cn, st, tw
 - pm (not seen by hack)
- www.*.tld wildcards (ac, io, sh)

Testing

- 60 Dutch ISPs, 50% ACL list
- 40 US ISPs
- No evidence found

Conclusions

- There is anecdotal evidence
- Not enough data
- Check your name server configurations

Questions?