IETF Hackathon

IETF 116

25-26 March 2023

Yokohama, Japan

I E T F

Hackathon Plan

`draft-ietf-dprive-unilateral-probing`

- Discovering if authoritative name servers speak DoT (DNS over TLS)
- Several transports for DNS
- Not all auth. name servers implement them all
- Probing by the resolver

What got done

- Lot of input for the draft authors

- New Unbound code (not public)

- Interop: Unbound/PowerDNS recursor/Drink/A lot of ADoT servers on the Internet

See `https://framagit.org/-/snippets/6934`

What we learned

- Are SERVFAIL and REFUSED acceptable answers?

- Auth. Name server selection criteria (privacy? performance?)

- Lazy probing or happy eyeballs?

- ADoT already deployed (even in the root)

Wrap Up

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https://nlnetlabs.nl/

https://www.powerdns.com/

https://framagit.org/bortzmeyer/drink/