

IETF Hackathon

IETF 118

4-5 November 2023

Prague

Hackathon Plan

Plan:

- Setup some anycast unbound instances running 1.18.0 supporting draft-momoka-v6ops-ipv6-only-resolver-02.
- Figure out whether "prefer-ip6: yes" should be set.

What got done

What we got done:

- There now is a public v6 only resolver (with somewhat reasonable rate limits) using a NAT64 pool of 8 addr/host.
- We tested replaying some dual-stack zones, and noticed the implementation indeed needs prefer-ip6: yes to not use NAT64 for some DS hosts.
- Looking forward to some evaluation traffic if somebody feels like it; Service will likely remain in place for some time.
- We definately need to take a look at NAT64 port exhaustion for resolvers, as port-reuse is not that easy with NAT64.