

ADD BoF - IETF 105

DoH Client & Server Behaviour

HTTP v DNS Transport - I

- How should/shouldn't HTTP PUSH be used with application/dns-message elements?
 - Potential for browser cache poisoning and hijacking
 - Are “unsolicited” PUSHes OK or not?
- What's the scope of HTTP PUSH?
 - TTL value, display context, current tab, something else?

HTTP v DNS Transport - 2

- Should/could lookups made with DoH get different answers from the same query made over port 53?
- Should web browser caches honour DNS negative caching?
 - And RFC8198 (was draft-*-nsec-aggressiveuse)?
- Handling of TSIG-signed requests by DoH resolvers
 - What about non-query requests - dynamic updates, NOTIFY?

DoH Resolver Behaviour

- Honouring the IANA root on the public Internet
- DoH resolver servers **MUST** support DNSSEC?
 - And other DNS goop - EDNS, ECS, qname minimisation, handling “unknown” RRtypes, DNS cookies, etc.
- What do DNS & EDNS header bits mean to a DoH resolver?