DRIU BoF
NOT WG-FORMING
https://www.ietf.org/mailman/listinfo/driu

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Agenda

- Intro to the topics: 15 mins (Paul Hoffman)
- Secure DNS Configuration over DHCP: 15 mins (Tom Pusateri)
- Earlier DHC WG discussion on configuring other protocols (like SMTP) using DHCP: 10 minutes (Ted Lemon)
- DHCPv6 Options for private DNS Discovery (draft-pusateri-dhc-dns-driu): 15 mins (Tom Pusateri)
- Choosing DoH servers from lists by target draft-nottingham-doh-digests: 15 mins (Mark Nottingham)
- Levels of security and privacy for different resolver transports: 15 mins (Sara Dickinson)
- Open mic (remainder of time)

Topics for discussion (1 of 2)

- How to identify DNS-over-different-transport in protocols such as DHCP, and in user-accessible configuration

- TLS authentication when the identifier is an IP address (which is most common for identifying DNS resolvers)

- Security properties of the various flavors of transport-secured DNS

Topics for discussion (2 of 2)

- How resolvers can express their capabilities to clients who might care (such as "this resolver does DNSSEC validation" or "this resolver passes client subnet information to authoritative servers")

- Identifying a resolver in the "dns:" URI scheme in RFC 4501. A related question is whether there should be a "dnss:" URI scheme whose semantics mean "Look up this name, but only use a secure DNS server", where "secure" would need to be defined.