DNS Privacy Working Group (DPRIVE)

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Agenda

Administrivia, Introduction (10 min)
- Chairs

Problem Statement, (25 min)
- Stephane Bortzmeyer
- draft-ietf-dprive-problem-statement

Evaluating DNS Privacy Methods, (10 min)
- Allison Mankin
- (draft?)

Agenda (cont.)

Solution Space

Private-DNS, (20 min)

Phillip Hallam-Baker

draft-hallambaker-privatedns

TLS for DNS: Initiation and Performance Considerations, (25 min)

Allison Mankin

draft-hzhwm-dprive-start-tls-for-dns

DNS TLS Variations, (25 min)

Paul Hoffman

draft-hoffman-dprive-dns-tls-alpn

draft-hoffman-dprive-dns-tls-https

draft-hoffman-dprive-dns-tls-newport

Before We Begin....

DPRIVE is chartered to address the issue of ensuring the confidentiality of DNS queries between Client and Recursive Resolver....

...while making minimal application changes and maintaining backwards compatibility with existing DNS infrastructure.

Before We Begin....

Two Assumptions:

1. Recursive Resolver is trusted
2. We don't need it to be perfect.

"perfect is the enemy of good"

Before We Begin....

What we are **NOT** working on:

DNS 2.0

Changing Authoritative Server Behavior