Resolver to authoritative

Stéphane Bortzmeyer - AFNIC

IETF 101 - London

DNS-over-(D)TLS

- DNS-over-(D)TLS
- Authentication with DANE

- DNS-over-(D)TLS
- Authentication with DANE
- draft-bortzmeyer-dprive-resolver-to-auth

 Try TLS before looking up DANE: because port 853 may be blocked, and because we may use the TLS chain extension.

- Try TLS before looking up DANE: because port 853 may be blocked, and because we may use the TLS chain extension.
- Happy eyeballs: 53 and 853 at the same time.

- Try TLS before looking up DANE: because port 853 may be blocked, and because we may use the TLS chain extension.
- Happy eyeballs: 53 and 853 at the same time.
- Is it really sensible to mention strict mode? It is unrealistic today.

- Try TLS before looking up DANE: because port 853 may be blocked, and because we may use the TLS chain extension.
- Happy eyeballs: 53 and 853 at the same time.
- Is it really sensible to mention strict mode? It is unrealistic today.
- Mandating TLS 1.3?

Rechartering

Rechartering

• Charter said "primary focus [...] to develop mechanisms that provide confidentiality between DNS Clients and Iterative Resolvers"

Rechartering

- Charter said "primary focus [...] to develop mechanisms that provide confidentiality between DNS Clients and Iterative Resolvers"
- Charter also says "may also later consider mechanisms that provide confidentiality between Iterative Resolvers and Authoritative Server"

Tasks

Tasks

 \bullet Too little activity until now. Is there still interest?

Tasks

- Too little activity until now. Is there still interest?
- Update the charter?