Applications Performing Their Own DNS Resolution

Panel: Vittorio Bertola, Andrew Fidler, Paul Vixie
Mic line: many

Paul Hoffman, moderator

ICANN DNS Symposium, Bangkok
10 May 2019
Three alternative histories to discuss

Scenario 1 – In 2009, a browser vendor starts using an internal stub resolver pointed at resolvers it trusts in order to get more reliable answers than what it is getting from the OS.

Scenario 2 – In 2016, after the DNS and privacy communities finish DoT, a browser vendor starts using an internal stub resolver with DoT over port 853 pointed at resolvers that trusts in order to get data integrity and confidential answers.

Scenario 3 – In the current reality, providers of popular desktop and mobile applications that do a lot of lookups (Slack, Valve’s Steam gaming platform, ...) follow the browsers’ lead and start implementing DoH.
Engage with ICANN

Thank You and Questions

Visit us at icann.org
Email: email

@icann
facebook.com/icannorg
youtube.com/icannnews
flickr.com/icann

linkedin/company/icann
slideshare/icannpresentations
soundcloud/icann
instagram.com/icannorg