Applications Performing Their Own DNS Resolution

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

Paul Hoffman, moderator

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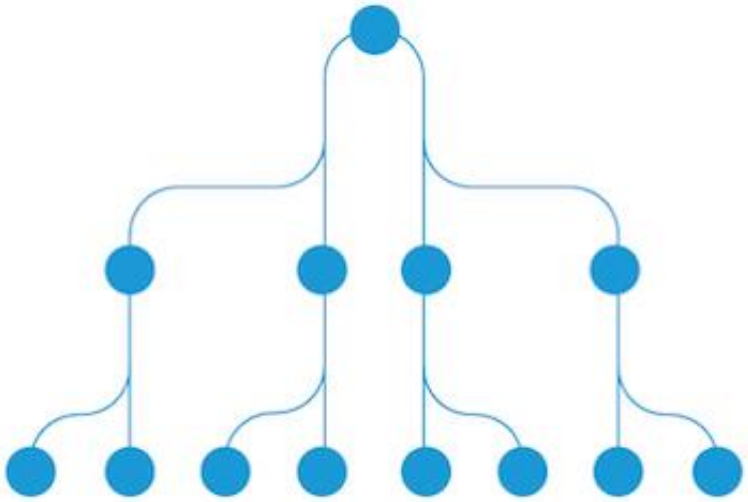
Three alternative histories to discuss

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

Mic line



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