Creating an audit trail for DNS record changes

https://dnstransparency.org
The Problem

- The DNS is a pull based system, allowing some changes to go unnoticed

- Short term changes can be missed, resulting in damage to domain owners and their users

- This is not theoretical, multiple high profile attacks have have capitalized on this weakness
The What

• A message bus service that propagates changes to TLD zones

• Receive live or pending changes to TLD zones from multiple points in zone update chain

• Aggregate all data sources, then make changes available to subscribers in real time or near real time
The Who

- Tim April (Akamai)
- Barry Greene (Akamai)
- Warren Kumari (Google)
- Matt Ploessle (Digital Ocean)
- James Shank (Team Cymru)

With assistance from DHS, NCSC, and many others.
How can you help?

Registries and Registry Operators:
Contribute Data! We want to talk to you today!

Registrars, Registrar Backends, and Authority Operators:
Stay informed and contribute data in Phase 2!

Everyone:
https://dnstransparency.org/stayinformed
Thank You!

We are creating an audit trail for DNS record changes.

We need your help.

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