

Bad Idea #17

Discussion

- Please, no rocks, pointy sticks, etc.
- Planning on writing this up as a draft.
- Not a new idea, been discussed for a long time, finally writing it down.

DNSSEC

- It doesn't matter where you get the data from.
 - Scribbled on a napkin in a bar, etc.
 - As long as you validate it.

Recursive resolvers

- Start up.
 - Empty Cache.
 - For every query in an uncached TLD, go ask the root.
- Running
 - Seems like most resolvers know most of the TLDs, most of the time.
 - SPAM and such.

Proposal

- **Recursive / Iterative resolvers should just slave the root.**
 - New requirements:
 - MUST validate.
 - Fallback if cannot transfer.

Pros and cons

- Wins:
 - Removes an attractive (political) nuisance
 - Small latency and stability win (esp. for some less connected countries)
 - One less big piece of infrastructure
 - Less crap^w stuff hits the root.
- Cons:
 - Loss of a central monitoring location — or is this a pro?
 - Less ability to make fast changes.

Questions / tomatoes.