draft-bash-rfc7958bis: DNSSEC Trust Anchor Publication for the Root Zone

Paul Hoffman

(also Jakob, Guillaume, and Joe)

IETF 118, Prague
November 2023

Basics

- Status
- Why revise?
- Why so soon?
- What's next

Call for WG adoption

- Started October 12
- One person indicated support, none opposed
- The call was never completed

Why revise (1)

- Changes already in the -00:
  - There is a significant technical change from erratum
  - Added the optional public key element
  - The reference to the DNSSEC Practice Statement was updated
  - Say explicitly that the XML documents might have XML comments in them

Why revise (2)

- Maybe re-open the discussion of whether IANA should be publishing the PKIX and CSR files, and when
  - This requires a discussion between the WG and IANA
- Appendix A needs to be filled in with the actual steps that happened for KSK 2017
- Smaller miscellaneous stuff

Why so soon?

- The DNS community learned a lot about the trust anchors in 2017 and 2018

- IANA will roll the KSK key again in a few years

- IANA has recently published a plan for rolling the KSK algorithm, seeks public comment