bootstrap-validator

IETF 101
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Trust Anchor Retrieval

- Trust anchors published by ICANN since 2010

  - IANA function, or whatever the phrase is now

  - Various mechanisms provided

  - Ultimately documented in RFC 7958, a document that mentions RFC 5011 only once in passing and is mainly concerned with out-of-band publication mechanisms

  - No published guidance by the IETF on how validators should retrieve trust anchors using these methods

KSK Rollover

- Root Zone KSK planned for October 2017

  - deployment of (or observed behaviour of deployments, or something) of RFC 5011 is possibly sketchy, maybe, we don't really know

- Root Zone KSK postponed until October 2017

  - intervening period mainly reserved for obsessive head-scratching and cultivation of a vague feeling of unease

- Turns out there's some variability in how validators manage trust anchors

  - If only there was a technical standards body that could provide some guidance

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Network Working Group                                    J. Abley
Internet-Draft                                           D. Knight
Intended status: BCP                                         ICANN
Expires: August 4, 2011                          January 31, 2011


      Establishing an Appropriate Root Zone DNSSEC Trust Anchor at Startup
                 draft-jabley-dnsop-validator-bootstrap-00
```



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Network Working Group                                    J. Abley
Internet-Draft                                           Afilias
Intended status: Best Current Practice                   D. Knight
Expires: September 20, 2018                               Neustar
                                                         March 19, 2018


      Establishing an Appropriate Root Zone DNSSEC Trust Anchor at Startup
                 draft-jabley-dnsop-bootstrap-validator-00
```

bootstrap-validator-00

- We think that a consistent approach to trust anchor retrieval is a lovely idea

  - we think this is necessary in addition to RFC 5011, and any successor, in-band approaches that might replace or augment RFC 5011 in the future

- Surely the precise advice in the draft is outdated, inadequate or just wrong, and needs to be updated

  - but it's not bad, considering! Yay 2011-era us!

  - we think the working group should take this on, and that the sooner we have a unified approach across all the resolver implementations the better

Questions

- Does the working group think that some work in this area would be useful?

- Would this document be a useful starting point?