

Unbound and KSK Rollover

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Unbound

- Validating, Recursive, and Caching DNS Resolver
- Validates DNSSEC since its epoch (2007)

KSK & Unbound

- Support for 501 I since November 2009
 - Auto trust anchor
- Root Signed since 2010-07-15
 - Anchor in the distribution
 - Paper copy of ICANN CERT in tamper free envelop
 - Out of band verification
- Only “unit testing”

KSK-roll Preps

- NLnet Labs active in KSK Design team
- Tested against testbed
 - Added code & options to allow testing
- No serious problems found
 - Hardening against corner cases
- No problems expected

More Preps

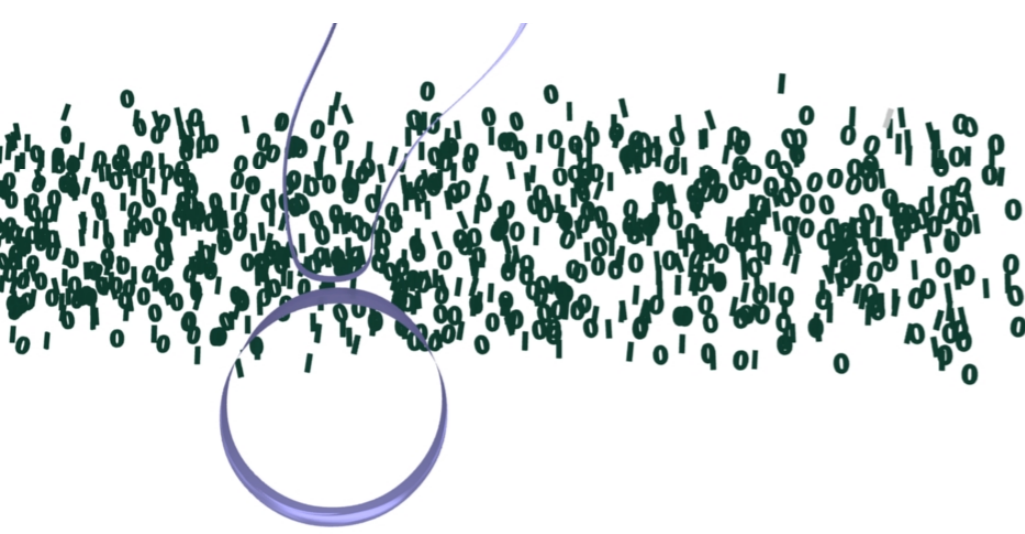
- Out of band verification of new key
- Will then be added to distribution
- Keep track of discussions

Unbound-Anchor tool

- Sanity checking 5011 method
- (In band) KSK retrieval
- Verify IANA CERT for icann bundle
 - See also: <https://www.iana.org/dnssec/files>
- Internal distributed anchors only used as hints

Revoked Old Key?

- Will be removed from distribution
- That's all folks!



Questions