DNSSEC @ ICANN
Update on Signing the Root

32\textsuperscript{nd} ICANN Meeting
ccNSO IANA WG
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Signing the Root: Next steps

- Need consensus of support that ICANN should do it. Support from RIPE, .SE, and .UK thus far.
- Important procedural and responsibility issues need to be addressed. In conversations with key parties.
- IANA technically ready (signed root at ns.iana.org) but need to complete development of operational practices and procedures. Completing this now.
Operational Practices Detail

• Establish operational practices: some of this already completed (*) or in progress (+)
  – KSK management (+who, *generation, +publication, *rollover, +compromise)
  – ZSK signing process (*who, +trust anchor acceptance)
  – demonstrating security and stability
  – getting root servers to fetch the signed root
Related Efforts

• Interim Trust Anchor Repository for TLDs itar.iana.org
• Test IDN’s signed. icann.org next
• .arpa transition and signing. Collaborating with Internet Architecture Board and current operators in .arpa hierarchy on transition plan and US Department of Commerce on IANA contract revisions. Technically ready.
Questions?
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