



# DNSSEC @ ICANN

## Update on Signing the Root

32<sup>nd</sup> 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](https://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 management (\*who, \*generation, \*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](http://itar.iana.org)
- Test IDN's signed. [icann.org](http://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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