

SO YOU WANT TO DO DNSSEC...

V 2.01

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- DNSSEC Roadshow:

“Strengthen ccTLD Development in Africa, Build Capacity in DNS technical operations and provide assistance and support as requested

- a. Promote adoption of DNSSEC*
- b. Strengthen ccTLDs”*

ICANN AFRICA STRATEGY

DNSSEC ROADSHOW

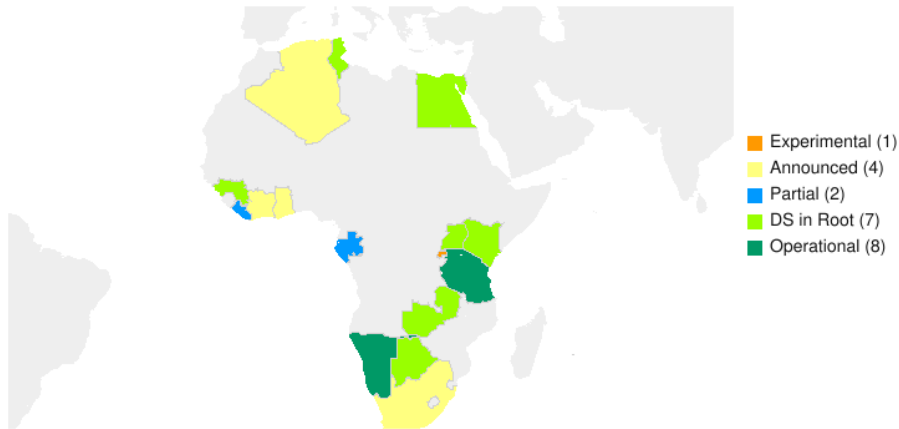
AF ccTLD DNSSEC Status on 2013-04-03



ICANN AFRICA STRATEGY

DNSSEC ROADSHOW

AF ccTLD DNSSEC Status on 2016-02-15



- Bind9
 - Simple
 - Easy
 - Does not support SoftHSM
 - at least not out of the box (Rick Lamb)
 - Cron Scripts
- OpenDNSSEC
 - Complicated
 - Difficult
 - Does support SoftHSM
 - requires unstable Library
 - Background Daemon(s)

Problem

- Involved in several crashes of ccTLDs
- Very difficult to debug

Proposal

- Pull out the *Active Ingredient*
 - Stand-Alone programs
 - Easier to debug
 - Cron Scripts
- Costing?
 - Who would/could pay for this?

REGISTRY MODELS

ANTONY VAN COUVERING

- 1 2 Others (for gTLDs)
- 2 Supermarket
 - Sell super-cheap or give away
 - Try to win on large volumes with low margins
- 3 Technical Function
 - Infrastructure
 - Service levels
- 4 Small Business
 - Keep costs down
 - Build the business over time
 - Look for a nice ongoing income in the future

CONCLUDING THOUGHTS

BUILD IT AND THEY WILL COME

- Use the best of
 - Technical Function
 - Small Business
- Hardware
 - HSMs are still **VERY** expensive
 - SoftHSM is still not ready for Prime Time
 - PCH is an option
- CoCCATools
 - Has complete functionality
 - Is easy to use
 - upload of DS Keys (GUI and EPP)