DNSSEC Update

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DNSSEC Root Key Hype and Truth

- Video 1* – US television show “Elementary”
- Video 2* – US television show “Blacklist: Redemption”
- UK Guardian article - https://www.theguardian.com/technology/2014/feb/28/seven-people-keys-worldwide-internet-security-web
- Recent presentation from my colleague Kim - https://www.icann.org/en/system/files/files/presentation-root-ksk-protection-key-ceremonies-13may17-en.pdf

* Thank you to Kim Davies for creating these in a consumable format

They do not play TCRs on TV

Real bottom-up, multi-stakeholder example

- 21 TCRs = 7 east US, 7 west US, 7 recovery from TT, BF, RU, CN, US, SE, NL, BR, Benin, PT, NP, Mauritius, CZ, CA, JP, UK, NZ…
- Designed to require 3-of-7 to use key (to sign root ZSK).
- Since 2010
- Meet approximately 1-2 times a year either Los Angeles or Washington DC
- Now open ended process. Submit Statement of Interest
- Some travel funding available now
- Go to http://iana.org/tcr

(Original: http://www.root-dnssec.org/index.html%3Fp=171.html)

NOTICE
NOTICE
NOTICE
NO FOOD
OR DRINK
One World. One Internet. Everyone Connected.
19036

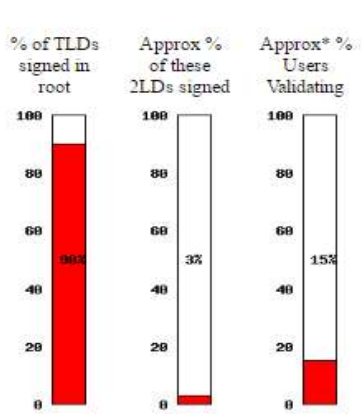
DNSSEC Deployment Status (rick.eng.br/dnssecstat)

Secure | https://rick.eng.br/dnssecstat/

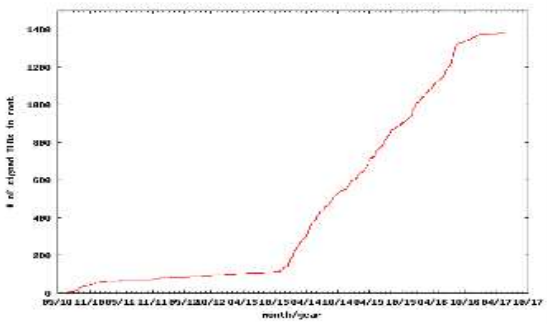
Apps 20141026 20150414 LEA

DNSSEC Deployment Report

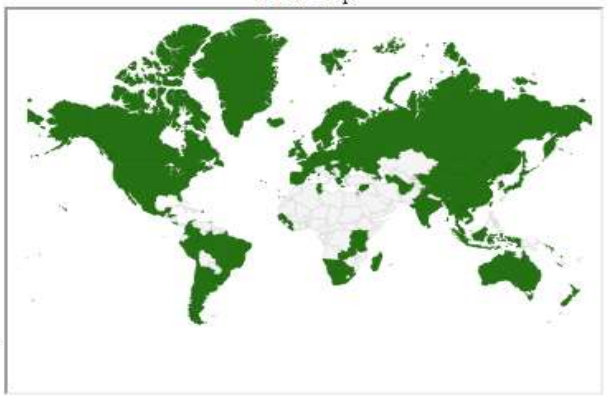
Mon May 22 23:10:58 UTC 2017
Total TLDs: 1530 / Signed TLDs in root: 1378 / Recently added: mobi. (04/24/2017)



Trend



ccTLD Map



*From http://stats.labs.apnic.net/dnssec Some tools: http://www.co.tt

TLDs in root starting with most recently signed. Developing economy TLDs are in boldface. Click on some of the headings below to sort.

TLD		Description	DS Date	% Signed	Signed/Total	AlgNo:Count
nl.		SIDN (Stichting Internet Domeinregistratie Nederland)	11-NOV-2010	46.22	2650220/5733729	
br.		Comite Gestor da Internet no Brasil	23-JUN-2010	24.89	976723/3924695	
se.		The Internet Infrastructure Foundation	27-AUG-2010	50.11	701505/1399843	
						1:84 2:31 3:54 5:8495 6:2