

UK Top Level Domain update

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Dates

Domain	Signing Date
uk	1 March 2010
me.uk	19 April 2011
co.uk	3 May 2011
ltd.uk	12 May 2011
plc.uk	12 May 2011
org.uk	12 May 2011
net.uk	16 May 2011
sch.uk	18 May 2011

Novel Things

- 5 minutes DNSKEY TTL
 - Works great for DNSKEY rollovers
- No Announced DNSKEY roll-over
- No Key Signing Key
 - Not needed, we're the parent as well.

Statistics

Statistics

50% signed

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50% signed

Second Level Domains	18
Signed Second Level Domains	9 (50 %)

Traffic

Queries per day average	
Total	2 B
DS	20 M
DNSKEY	1.2 M

Resolver Base Observation	Assumptions
Total Resolvers	1.8 M
Validating Resolvers	3000 (and growing)

Traffic

- More and more ISP's switch over to DNSSEC
- They see the need
- They understand the risk tradeoff
- Chicken and Egg problem is over:
 - We're waiting for domains to be signed

Statistics

Domain	Names	Signed Names
me.uk	112984	35
co.uk	8636949	157
ltd.uk	10707	3
plc.uk	785	0
org.uk	542300	31
net.uk	391	0
sch.uk	29315	0
Total	9333431 *	226

* Names in register: 9703189

Introducing DNSSEC Signing Service

- Let us sign your zone
- Simple and Straightforward
 - Tell us where to pull the zone from
 - Tell us where to push the signed zone to
- Currently in Pilot phase
 - Only for Nominet Registrars
 - Only for UK domain names
 - Free until January 2013

Questions ?

- Mail: roy@nominet.org.uk
- Come and see me this week
- More information at

<http://www.nominet.org.uk/registrars/DNSSEC/>