

.sg DNSSEC

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DNSSEC



2009

- Working group formed to study DNSSEC
- Summary of findings:
 - Complicated and risky for DNS zone operators if not done right
 - No demand from end users or registrants
 - Software, tools, policies and best-practices are not mature
 - No registrar was willing to participate in SGNIC DNSSEC testbed
 - Once deployed at cc level, it is a irreversible commitment of resources while being subject to all the risks – technical and reputational - even if there's no customers
 - But with the root signed, DNSSEC is likely to be a standard offering some day
- Monitor global deployment and be prepared
- 2 workshops for local engineers (2010 and 2014)

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2009

- Slightly less complicated and risky for DNS zone operators

2010

- Still no demand (globally 0.x to 0.5%?)

2011

- Software, tools, policies and best-practices are better

2012

2013

Maybe this is about the right time
to get started

2014

2015

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Approach:

1. Research and understand the lessons learnt from other pioneer registries (Thank you for sharing!)
2. Develop DNNSEC Practice Statement (completed)
3. Develop key ceremony procedure (completed)
4. Secure budget (completed)
5. Enhance registration software
6. Develop transfer related policies
7. Beg registrars to participate
8. Practise, practise and practise recovery plans
9. Partial deployment -> root deployment -> full deployment (Target: 2016/2017)



End