



DNSSEC experience at NIC Chile (...so far)

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How & Why?

- Approach to the project
 - IETF, NANOG, DNS-OARC, RIPE, LAC community
- Motivation
 - Improve the security for our clients
 - Gaining experience for the region
 - Being in the *bleeding-edge* of our core business (yes, but...)
 - Signing .CL before not far from the root



Some History

- First Steps
 - 2004-2006: First lab-tests
 - 2007: Starts the “worry”
 - 2008-07: Formal investigation start
 - Technical staff + NIC Labs Chile
 - 2008-11: Creation of internal working group
 - Different areas involved: Development, Operations, DNSAdmin, NIC Labs
 - 2009-06: First Testbed



Some History

- 2010-01: DURZ
- 2010-04: DUCLZ
- 2010-05: Root Signed
- 2010-11: End DUCLZ. Real KSK without DS
- 2011-04: DS in root / DPS
- 2011-11: Accept DS from clients



Decisions

- Technical Implementation => Policy

or

- Policy => Technical implementation



Decisions

- Well...
- They were balanced
- DPS based in .SE an Root documents
- Reviewed by a group of specialists (Richard Lamb, Joe Abley, Steven Hunter, Phil Regnauld, Hervey Allen)
- A lot of scripts (Don't think, just follow the script!)
- Phisical and logical security



And now what?

- Lack of interest in the community
 - Need to involve key actors
- More and more scripts
- Automate some manual steps