



Esti
Internet

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Deployment of DNSSEC at .ee

ICANN 49: DNSSEC Workshop

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| 26.03.2014 |

Introduction

- About Estonian Internet Foundation
- DNSSEC what, why, when
- Techie stuff
- Actual work
- Current situation

Estonian Internet Foundation

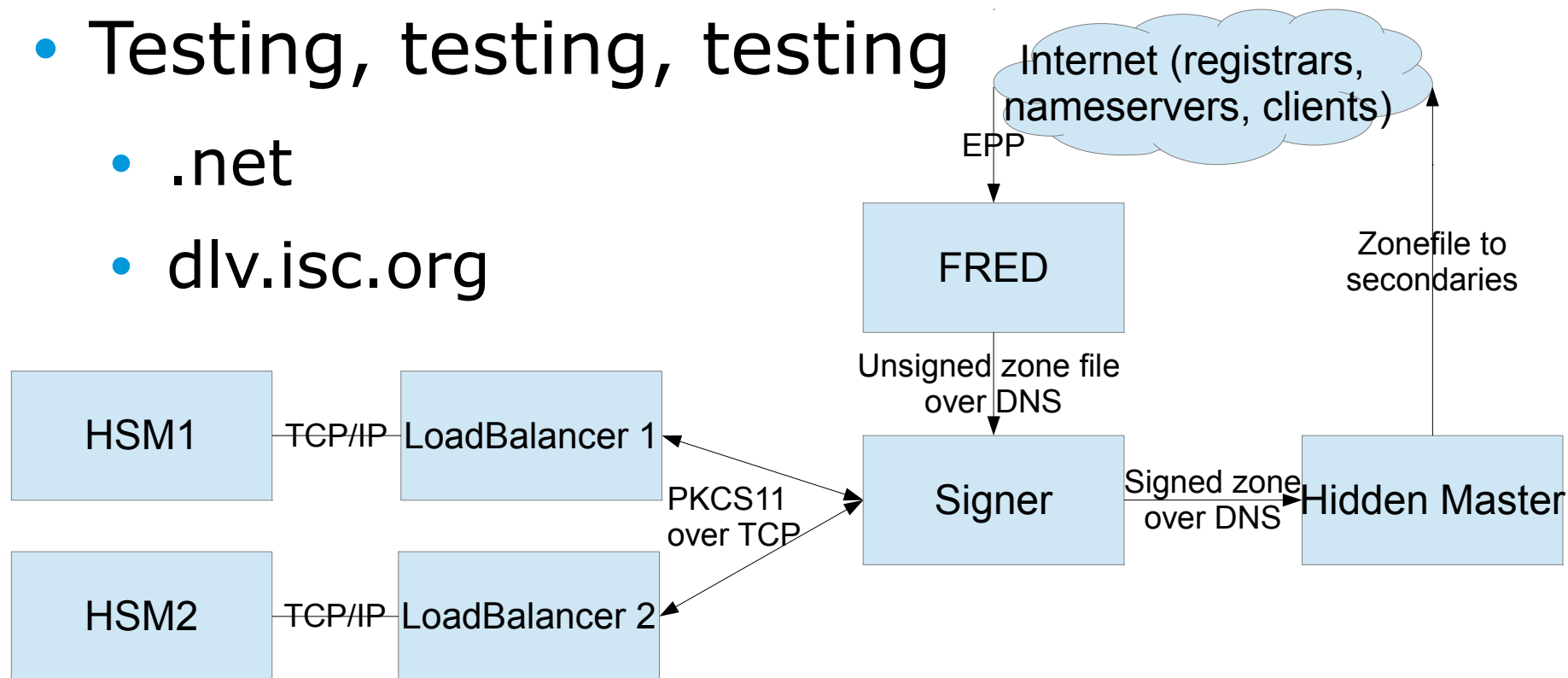
- Since 2010
- Team of 11
- 75000 domains
- 38 registrars
- Zone updates every 10 min (IXFR)
- IDN since 2012
- DNSSEC since 2014

DNSSEC

- Why? Because everyone was doing it.
- Target: organisations that deal with money and sensitive personal info
 - Well justified goal is important success factor
- Time to go-live 21 months
 - Public testing
 - Dealing with opposition
 - Spreading information

Technical solution

- DNSSEC is very simple
 - BIND 9.9, Utimaco CryptoServer LAN
- Testing, testing, testing
 - .net
 - div.isc.org



Devil is in details

- Procedures
- A lot of involved parties
- Marketing and communication

Situation today

- 1 local registrar out with DNSSEC service
- 3 of the biggest ISPs have enabled DNSSEC in resolvers
- 4 high value domains signed
- Waiting for the biggest registrar and banks to get ready to launch
- Project deadline 30. June 2014 :)



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Thank You!

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Background text consisting of a dense grid of alphanumeric characters and symbols, including IP addresses, domain names, and file paths, such as '192.168.1.1', 'www.example.com', and 'C:\Users\user\Documents\file.txt'.



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