



# OpenDNSSEC

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# What?

- OpenDNSSEC is a zone signer that automates the process of keeping track of DNSSEC keys and the signing of zones.

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# Why?

- The available DNSSEC tools were lacking:
  - Good key management
  - Policy handling
  - Hardware acceleration
  - Etc.
- DNSSEC should be easy to deploy

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# Who?

nominet  
kirei

NLnet  
Labs

.se

sinodun

SURF  
NET

SIDN

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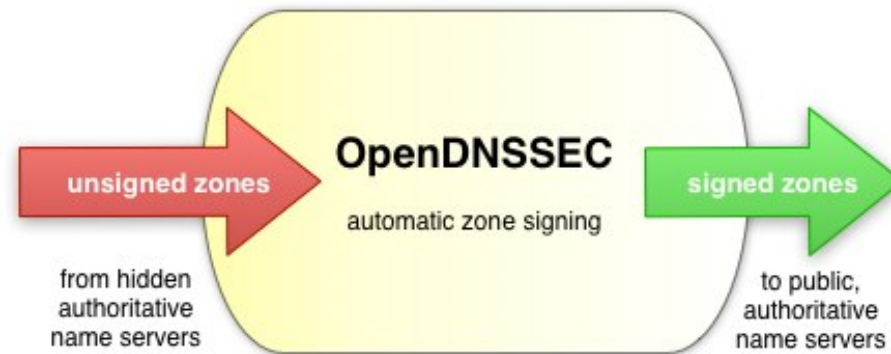


# About OpenDNSSEC

- An open source DNSSEC signing solution
- Includes fully automatic key management
- Simple to integrate into existing infrastructure
- Support for Hardware Security Modules

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# “Bump in the Wire”



- Employed on a system between a hidden and public master.

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# More about HSMs

- Why should you use one?
- Are they expensive?
- Remember to protect the host
- "A Review of Hardware Security Modules"
  - Comparing 4 high-end HSMs
  - December 2010

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- SoftHSM emulates an HSM
- Uses the PKCS#11 API
- Next best thing after using an HSM

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# The user community

- An active user's mailing list
- Examples of known users:
  - ICANN .dk .fi .fr .nl .se .re .tf .uk .yt
- More will be added soon

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# Thank you

- Questions?

<http://www.opendnssec.org/>



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