



Signing the Root

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DNSSEC ccNSO Study

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The Recent ICANN Meeting

Workshop – DNSSEC

Presentation:

- [DNSSEC Progress in .UK](#)
- [myDNSSEC Project Update](#)
- [DNSSEC: Lessons From A Generic TLD](#)
- [SGNIC's Preparation and Planning for the Implementation of DNSSEC – II](#)
- [DNSSEC in .BIZ and .US](#)
- [DNSSEC Workshop Agenda](#)
- [Registrar Experience Enables DNSSEC](#)
- [DNSSEC in .com, .net and .edu](#)
- [DNSSEC in .JP](#)
- [Select DNSSEC References](#)
- [.ORG DNSSEC](#)
- [Technical Update .NA](#)
- [DNSSEC for the Root Zone](#)
- [DNSSEC Status & Plan in KR](#)
- [DNSSEC In the Reverse Tree – An ARIN Prospective](#)
- [Registrar Notes & Lessons of Implementing DNSSEC](#)
- [DNSSEC with Parent and Child Zones on the Same Name Server](#)

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ccNSO and ICANN

The Country Code Names Supporting Organisation (ccNSO) of ICANN is the policy development body for a narrow range of global ccTLD issues within the ICANN structure.

“What are the most important things for the ccNSO to be working on in the next five years?”

- ✓ IDN's, DNSSEC, IPv6
- ✓ Security
- ✓ Increasing awareness and participation
- ✓ Policy review and development
- ✓ Other verbatim suggestions...
 - *“Focusing on policy and ICANN, not on marketing, show-and-tell or other non-ICANN related issues”*
 - *“Create trust that it is a body that is able to deliver results on time”*
 - *“Maintain its narrow scope”*

From the report *“Survey of Attitudes Within The ccNSO Committee Regarding Strategic Priorities for ICANN”*

<http://ccnso.icann.org/surveys/strategic-priorities-for-icann-oct09-en.pdf>

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ccNSO DNSSEC Study

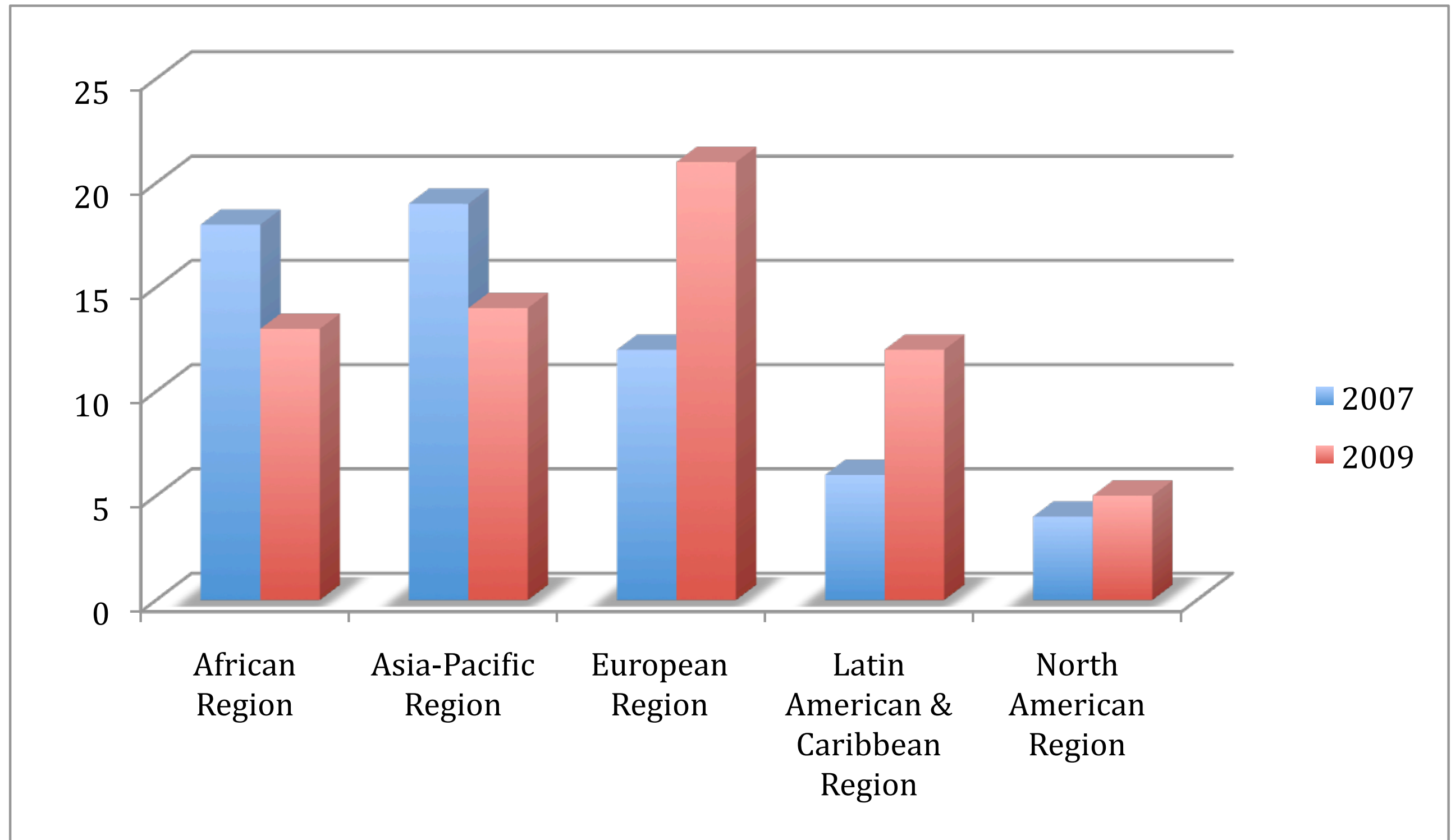
The 2009 DNSSEC Survey was initiated after .SE, the Swedish registry and ENISA, the European Network and Information Security Agency requested updated information to the DNSSEC survey conducted by the ccNSO in 2007.

The survey was launched on the 24th June 2009 and closed on the 7th September 2009.

<http://ccnso.icann.org/surveys/dnssec-survey-report-2009.pdf>

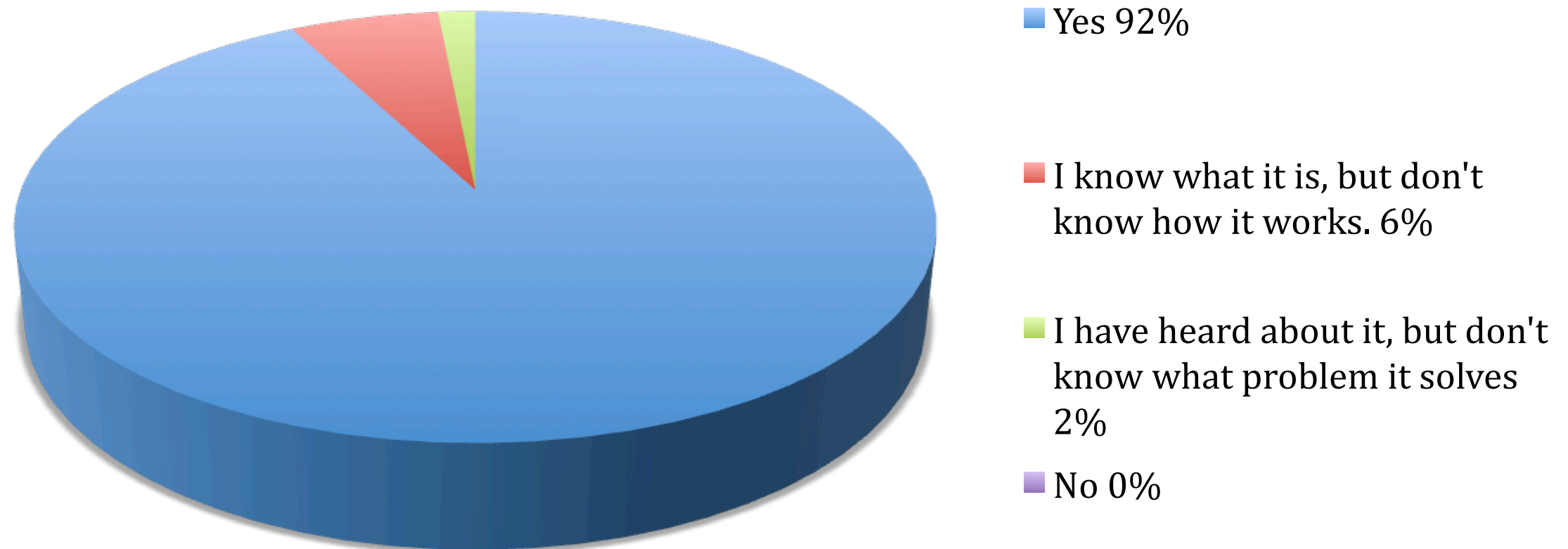


Participants in the ccNSO study



DNSSEC Awareness

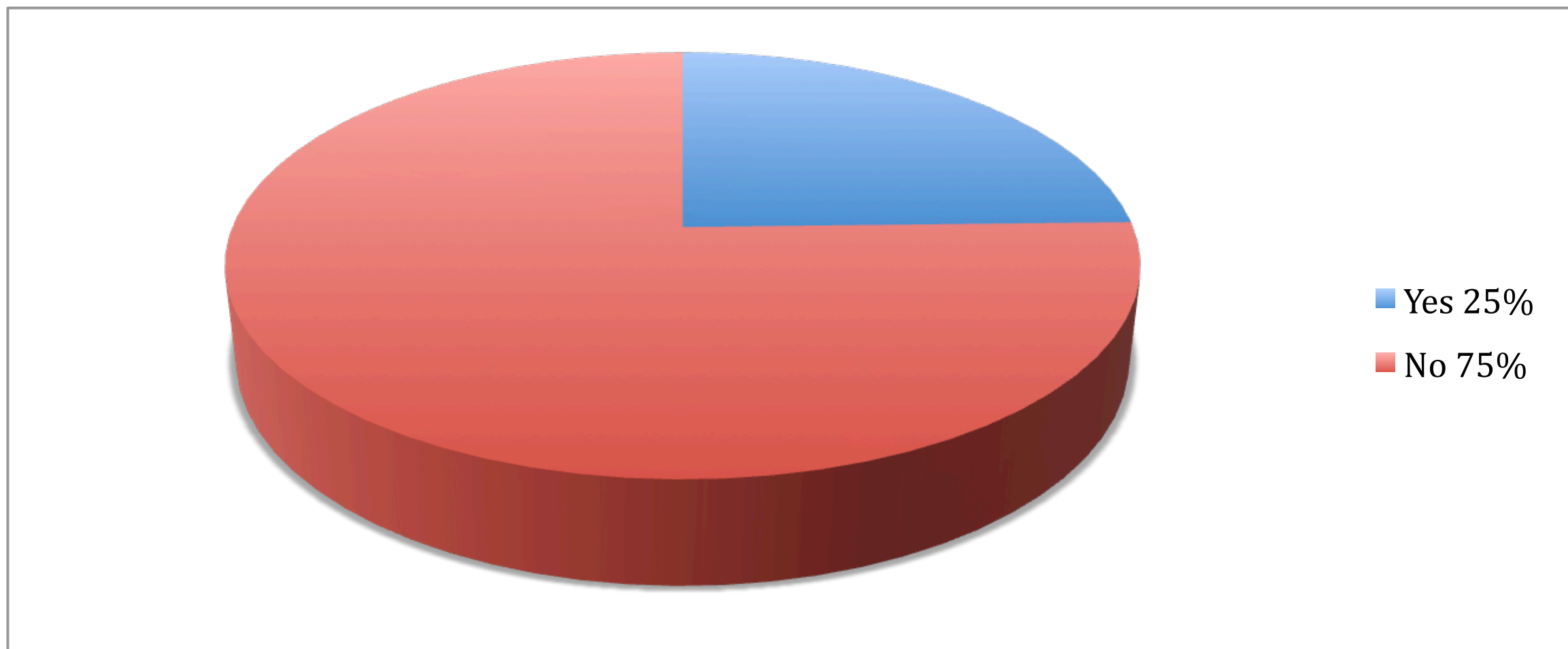
2. Do you know what DNSSEC is?



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Registry implementations

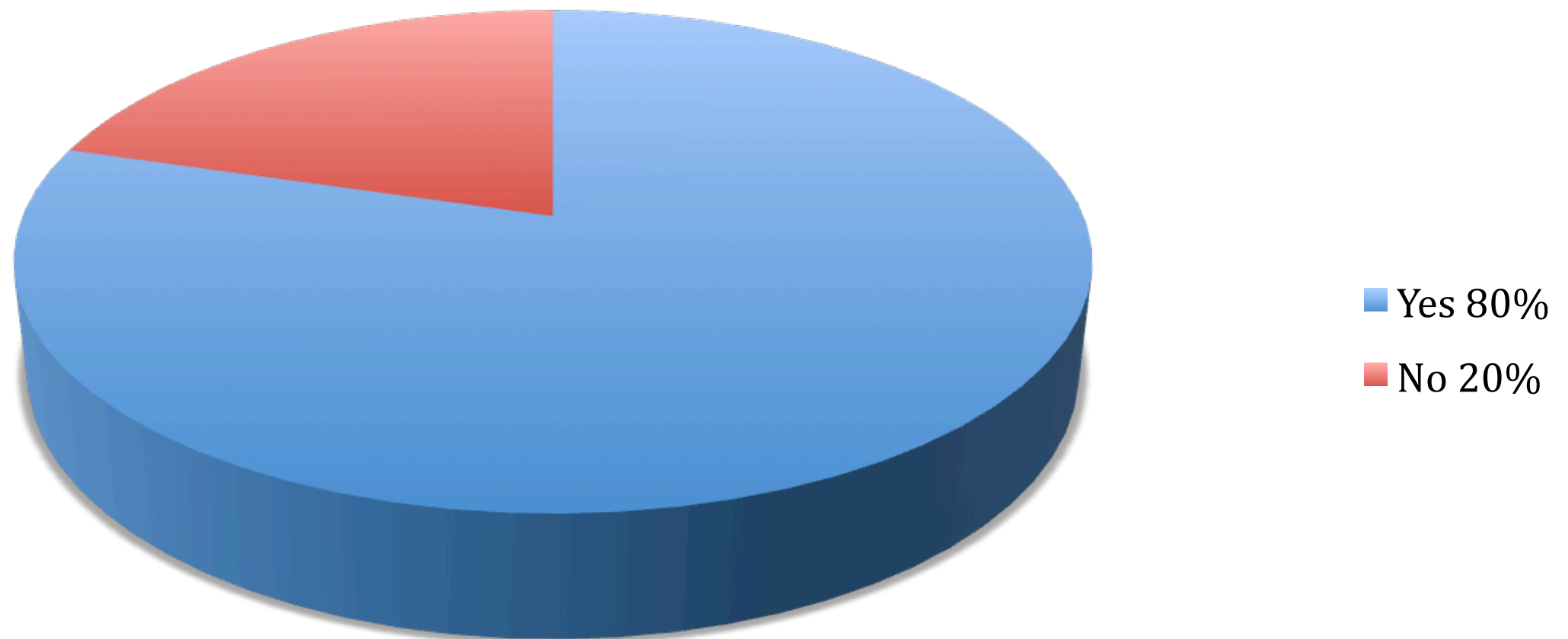
3. Has your registry implemented DNSSEC, or is actively implementing DNSSEC?



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Plans for implementation

4. Do you plan to implement DNSSEC?



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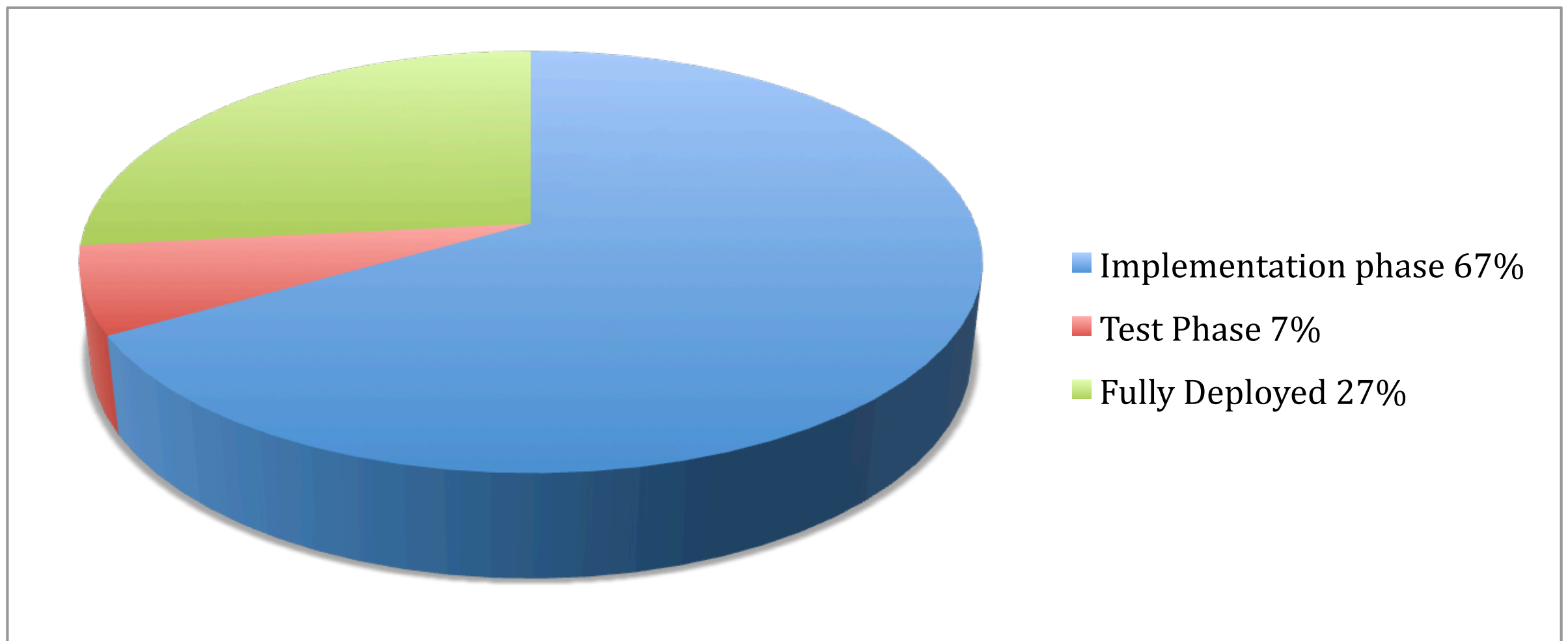
Why not?

- Other priorities
 - Lack of resources
 - No customer demand
 - Waiting for internal tests
-
- The lack of a signed root is no longer an issue

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6. [NEW] For DNSSEC, what implementation phase are you in now?



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Technical environment

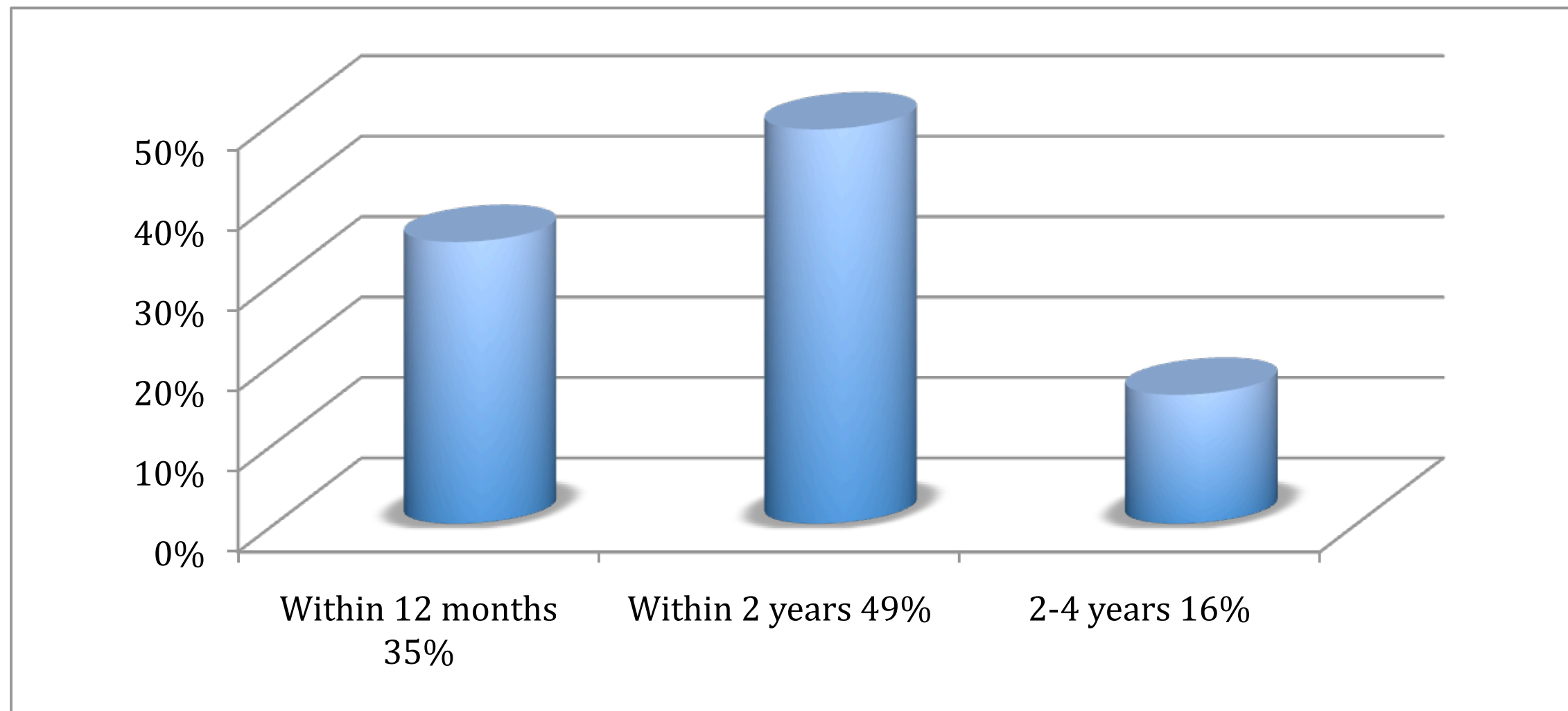
The responses to this question varied to a high degree, however, following tendencies could be defined:

- Various UNIX based platforms were used
- Several utilised OpenDNSSEC
- Most rely on BIND
- Most use HSMs or smartcards

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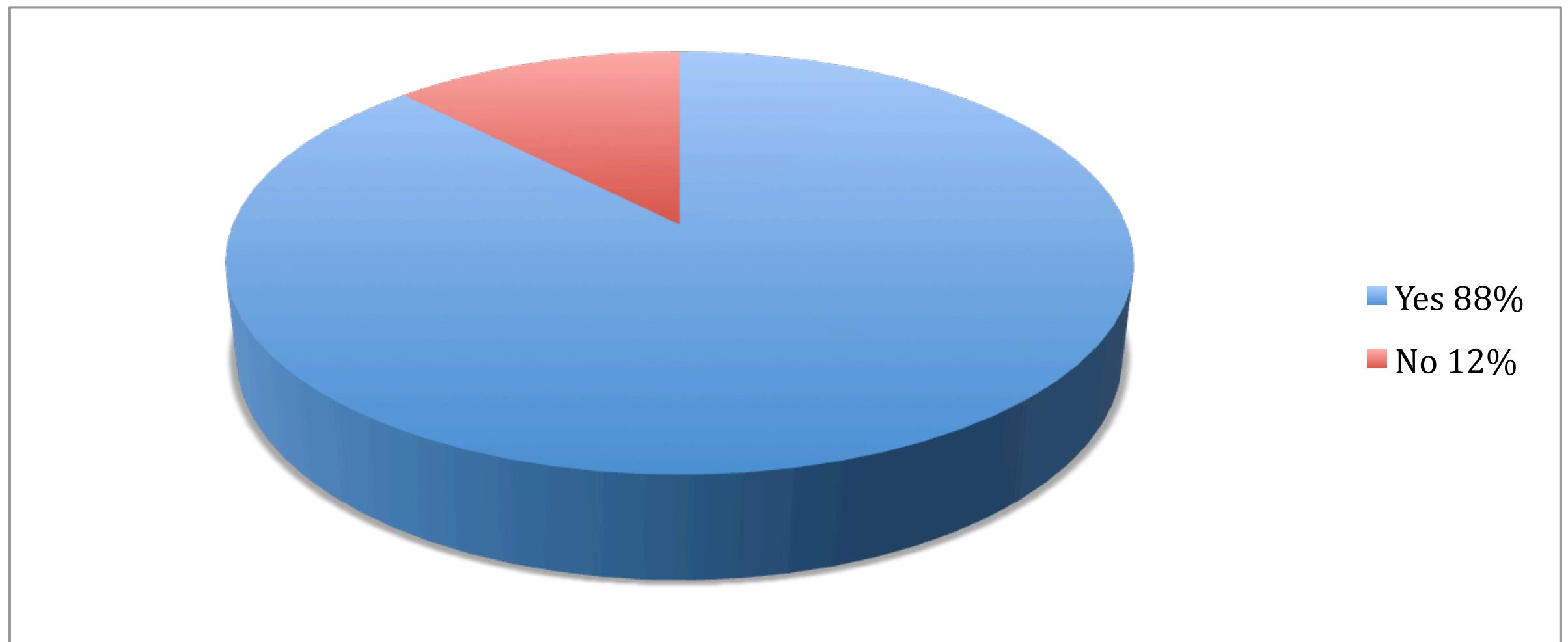
9. What is the planned timeline for implementing DNSSEC?



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A Signed Root

12. Is it important to you that the DNS root zone is signed?



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