



DISI Update

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The DISI effort

- Deployment of Internet Security Infrastructure
 - Focus on DNSSEC
 - Goal early deployment on the reverse domains
 - 1.2 FTE
 - Normally reported in the Techsec WG.
 - Report of our work since RIPE48



DNSSEC standards development

- We've been actively involved in the standards process
 - Mainly in the roll of DNSSEXT co-chair
 - The IETF last call has concluded
 - As document editor
 - draft-kolkman-dnsex-in-band-rollover-00.txt
 - Proposing a solution for maintaining and distributing a large set of DNSSEC trust anchors.
 - draft-ietf-dnsop-dnssec-operational-practices-01.txt
 - Needs review by the WG.
 - RFC3757 has been published



Providing Deployment Aids

- A revision of the DNSSEC HOWTO is about to be released
 - Updated to reflect DNSSECbis.
 - Added sections on key-rollover and resource usage estimates.
- Prototype of a perl based private key management system
 - Will be released once we have gained some operation experience
 - Code is available upon request.



DNSSEC training courses

- Provided and maintained by our training team.
- Planned events:
 - Amsterdam, Netherlands, Friday 8th October 2004
 - Novosibirsk, Russia, Friday 5th November 2004
 - Continuing with 1 course per quarter
- See <http://www.ripe.net/training/dnssec/> for details



Other Deployment efforts

- We are maintaining contacts with groups and consortia that focus on DNSSEC deployment.
 - The DNSSEC deployment project
 - www.dnssec-deployment.org
 - weekly telephone conferences
 - Verisign's DNSSEC consortium
 - 1st meeting prior to IETF59



Way forward: DNSSEC deployment on the reverse tree

- Planning was shelved while waiting for IETF last call conclusion.
- Now we are actively planning for deployment on the reverse tree.
- Most of these tasks are well understood and worked on in parallel
- We will use the dns-wg@ripe.net list for proposals and discussion



DNSSEC deployment tasks

- Private key maintenance policies and tools
 - NCC internal
 - Community aspects (trust anchor configuration)
- Zone signing and integration into the provisioning chain
 - NCC internal
- DNS server infrastructure
 - NCC and secondaries
- Secure delegation registry changes
 - Policy aspects
 - Operational aspects



QUESTIONS?

- Slides available in the meeting archive:
www.ripe.net/....
- E-mail: disi@ripe.net