



DNSSEC – How Can I Help?

Russ Mundy, Parsons and Dan York, Internet Society ICANN58 | March 2017

Steps TLD Operators Can Take

1. Sign your TLD!

- Planning is crucial to success
- Tools and services available to help automate process
- 2. Accept DS & DNSKEY records
 - Make it as easy and automatable to accept single or multiple records
- 3. Work with your registrars
 - Help make it easy for hosting providers and registrants to do DNSSEC

4. Help With Statistics

• Can you help by providing statistics?

Implement DNSSEC and make your TLD more secure!



Steps Zone Operators Can Take

1. Sign your Zone!

- Planning is crucial to success
- Tools and services available to help automate process
- 2. Verify that your Registrar(s) Support DNSSEC
 - Make sure they know you want DNSSEC & your interface requirements
- 3. Help With Statistics
 - Can you help by providing statistics?

Implement DNSSEC and make your Zone more secure!



Steps Zone Operators Can Take

- 1. Enterprise (what can enterprise do?)
- 2. DNS Operators
- 3. Consumers

KSK key roll over – don't forget !!!!!!



Steps Network Service Providers / ISPs Can Take

1. Deploy DNSSEC-validating DNS resolvers

2. Sign your own Zones

KSK key roll over – don't forget !!!!!!



Steps Everyone Can Take

1. Use DNSSEC Yourself

- Whether you're an end-user, service provider, IT professional or do something else with DNS, you can use DNSSEC today.
- 2. Share your Lessons Learned
 - Provide what you learn to the mail lists and other information sharing media.
- 3. Participate in workshops and other meetings

SPECIAL THANKS TO ALL OF TODAY'S PRESENTERS AND PARTICIPANTS!!



Thank You Luncheon & Implementation Gathering Sponsors

- Afilias
- CIRA
- SIDN









The DNSSEC Workshop and associated activities at ICANN are an organized activity of the:

 ICANN Security and Stability Advisory Committee (SSAC)



with additional assistance from the:

Internet Society
Deploy360 Programme





www.internetsociety.org/deploy360/ www.dnssec-tools.org www.dnssec-deployment.org



Stay Connected!

- Continue the DNSSEC conversations on the "dnssec-coord" mailing list
 - elists.isoc.org/mailman/listinfo/dnssec-coord

Join monthly "DNSSEC Coordination" calls
– First Thursday of each month

• See you in Copenhagen for ICANN 58!







Thank you and Questions