



DNSSEC – How Can I Help?

Russ Mundy, Internet Society ICANN59 | June 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!!



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Support

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with additional assistance from the:

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Thank You

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