ICANN’s DNS & DNSSEC Trainings

Tech Day – ICANN 65
Patrick Jones

24 June 2019
Capacity Development
ICANN-supported DNSSEC Trainings in the regions

- DNSSEC for regulators/decision-makers and businesses
- Hands-on training
- Train-the-trainer program
- Supporting local deployment by TLD managers, registrars and encouraging validation by ISPs, network operators
NSRC Mobile Training Platform

- Intel NUC-based Virtual Training Platform
- Flexible & allows for labs to generate zones, test signing, deploying Open DNSSEC, monitoring and key rollover
DNSSEC Trainings

DOST-ASTI, ICANN host DNSSEC Workshop

5 Dec 2018 11:17 AM
By Danielle Dolom

The Department of Science and Technology-Advanced Science and Technology Institute (DOST-ASTI) in partnership with the Internet Corporation for Assigned Names and Numbers (ICANN) hosted the Domain Name System Security Extensions (DNSSEC) Workshop on 14 to 16 November 2018 at Diliman, Quezon City.
## Impact of Trainings

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(Source: rick.eng.br/dnssecstat)
DNS Trainings

ccTLD and local community trainings
- Lithuania, Latvia
- Finland, Ghana
- Uzbekistan, Bahamas

Regional DNSSEC trainings
- Kuwait, India, Pakistan, Tonga, Vanuatu
- Mongolia, Philippines, Lesotho (with NSRC), Nigeria (with NSRC)
- Myanmar, Malaysia, Uzbekistan, Georgia, Morocco

Network Operator Group, Regional Internet Registry Meetings, Regional TLD Orgs
- TWNOG
- LKNOG
- LACNIC/LACNOG, GTER Brazil
- CaribNOG, MENOG
- CENTR, APRICOT
DNS Abuse Workshops

- Kenya
- Madagascar, Eswatini
- Botswana, Malawi, Uganda
- Brazil
- Turkey
- Pakistan
- Lebanon (2)
PTA & ICANN Hold a Workshop on DNS Abuse and Misuse

Posted 5 months ago by Press Release

(Source: https://propakistani.pk/2019/02/07/pta-icann-hold-a-workshop-on-dns-abuse-and-misuse/)
Trainings for public safety entities

(Source: Champika Wijayatunga)
Showing impact of DNS abuse trainings

- Community collaboration related to Conficker
- Avalanche and Andromeda DGAs
- Registries using Expedited Registry Security Requests for a contractual waiver for actions taken to mitigate a security incident
- ICANN Coordinated Vulnerability Disclosure process
- Better coordination between LEAs and registries/registrars
- Or more informed decision makers on proper points of contact during an attack or incident
Registry-Registrar Training

- Lisbon
- Kampala
- Moscow
- Las Vegas
- Nanjing
- Sao Paulo
- Stockholm
Engage with ICANN – Thank You and Questions

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