**DNSSEC and Security Workshop Program**

**ICANN73 Virtual Meeting**

Wednesday, 09 March 2022

Key to Level of Difficulty:

**NOVICE = New to DNSSEC and Security, and want to learn more**

**INTERMEDIATE = Familiar with DNSSEC and Security, and how it works, but not of all concepts**

**EXPERT = Expert understanding of DNSSEC and Security, and extensive experience in deployment/implementation**

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| **DNSSEC and Security Workshop – Part 1 12:30 – 14:00 San Juan (16:30 – 18:00 UTC)** |
| **1.** **12:30 – 12:45 (16:30 – 16:45 UTC) – Presentation: Dan York,  *DNSSEC Workshop Introduction, Program, Deployment Around the World – Counts, Counts, Counts*** |
| **2. 12:45 – 14:00 – Panel Discussion: DNSSEC and Quantum Cryptography** |
| **Moderator: Dan York**  |
| **2.1. 12:45 – 13:05 (16:45 – 17:05 UTC) –  Robin Wilton, Internet Society: Beginners Session on Quantum Cryptography** |
| **2.2 13:05 – 13:20 (17:05 – 17:20 UTC) – Paul Hoffman, ICANN: Quantum Computing and the DNS** |
| **2.3 13:20 – 13:35 (17:20 – 17:35 UTC) – Nils Wisiol , desec.io: Post-Quantum DNSSEC with FALCON-512 and PowerDNS** |
| **2.4 13:35 – 13:50 (17:35 – 17:50 UTC) – Andrew Fregly, Verisign: Considerations for Post Quantum DNSSEC** |
| **2.5 13:50 – 14:00 (17:50 – 18:00 UTC) – Q&A** |
| **DNSSEC and Security Workshop – Part 2 14:30 – 16:00 San Juan (18:30 – 20:00 UTC)** |
| **3. 14:30 – 16:00 (18:30 – 20:00 UTC) Panel Discussion: DNSSEC Provisioning Automation** |
| **Moderators: Steve Crocker and Shumon Huque** |
| **3.1 Steve Crocker, Shinkuro, Inc.: Overview: DNSSEC Provisioning Automation** |
| **3.2 Brian Dickson, GoDaddy: GoDaddy CDS Support Update** |
| **3.3 Ulrich Wisser, Swedish Internet Foundation: CSYNC implementation** |
| **3.4 Nils Wisiol, deSEC, Technische Universität Berlin: Authenticated Bootstrapping of DNSSEC Delegations** |
| **3.5 Steve Crocker, Shinkuro, Inc.: SSAC DS Automation Work Party** |
| **3.6 Johan Stenstam, Roger Murray, Swedish Internet Foundation: Making MUSIC with DNSSEC** |
| **3.7 Shumon Huque, Salesforce: RFC Adjustments for Multi-Signer**  |
| **3.8 P.F. Tehrani, E. Osterweil, T.C. Schmidt, M. Wählisch, Weizenbaum Institute / Fraunhofer FOKUS:****DNS(SEC) Views** |
| **3.9 Everyone: Q & A** |
| **DNSSEC and Security Workshop – Part 3 16:30 – 17:30 San Juan (20:30 – 21:30 UTC)** |
| **Moderator: Russ Mundy** |
| **4. 16:30 – 16:50 (20:30 – 20:50 UTC) – Massimiliano Stucchi, Internet Society: Why MANRS are important for DNS** |
| **5. 16:50 – 17:10 (20:50 – 21:10 UTC) – Alex Liu, University of California: Forward Pass: On the Security Implications of Email Forwarding Mechanism and Policy** |
| **6. 17:10 – 17:25 (21:10 – 21:25 UTC) – Moritz Mueller, SIDN Labs: Survey on DNSSEC Deployment Metrics** |
| **7. 17:25 – 17:30 (21:25 – 21:30 UTC) – Q&A** |