

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

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