

RSSAC Caucus Membership Application Statement of Interest (SOI) Form

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Please make sure to review Points of Consideration section under "How to Join" on the [RSSAC Caucus web page](#) before completing this SOI.

- **Name:** Peter Thomassen (peter@desec.io)
- **Affiliation and current position:**
deSEC / SSE
- **Relevant qualifications:**
 - Developed an authoritative DNS hosting platform with out-of-the-box DNSSEC (<https://desec.io/>)
 - Operating a public registry (dedyn.io, ~20.000 registrations)
 - Member of the ICANN "Root Zone Algorithm Rollover Study Design Team"
 - IETF work on DNSSEC automation (DNSSEC bootstrapping, CDS consistency, multi-signer ...)
 - Co-chair of SSAC DS Automation Work Party
 - Studied FALCON-512 PQ algorithm for DNSSEC in PowerDNS (<https://blog.powerdns.com/2022/04/07/falcon-512-in-powerdns/>)
- **Motivation for membership in the RSSAC Caucus:**
My goal is to improve the security of the Internet, in particular the DNS, without sacrificing on stability.

I've been doing a lot work work in that area, especially with regards to DNSSEC adoption and automation, and in that context made contributions as a member of the Root Zone Algorithm Rollover Study Design Team.

Where opportunities arise, I would like to expand my activities related to the root so I can contribute my DNSSEC experience, both with respect to operational aspects as well as the specification.

- **Indication of availability:**
regularly, including ICANN meetings
- **Formal roles (if any) and interests in the work of RSSAC:**
N/A
- **Links where appropriate:**
<https://desec.io/>
<https://datatracker.ietf.org/person/peter@desec.io>