

Statement of Interest for RSSAC Caucus

Name: Ray Bellis

Affiliation: Internet Systems Consortium, Inc.

Position: Research Fellow

Motivation: I've worked on a wide variety of Internet technologies for over 20 years, and on DNS specifically for most of the last eight. My primary motivation (in all of my work) is to make the Internet better, for everyone. Having recently joined ISC I'm already tasked with researching improvements to F-Root and I'd like to apply that to the entire Root system.

Indication of Availability: I expect to attend all IETF-located meetings. I can join other meetings remotely. Otherwise, the work of RSSAC falls well within the remit of my position at ISC.

Relevant Qualifications:

- Senior Researcher at Nominet Nov '07 to April '15.
- Author of RFC 5625 "DNS Proxy Implementation Guidelines" and RFC 5966 "DNS Transport over TCP - Implementation Requirements"
- Co-author of SSAC 035 "Test Report: DNSSEC Impact on Broadband Routers and Firewalls"
- Lead architect and implementor on Nominet's "Turing" DNS monitoring system (previously known as "BumbleBee")
- Co-chair of IETF HOMENET Working Group since July '11.
- 11 years experience prior to Nominet running ISP Network Operations (including BGP)

Formal Roles and Interests in the Work Area of RSSAC:

- Employed by ISC, who both operate F-root and develop and support BIND

More info: <https://uk.linkedin.com/in/raybellis>