

## **SUMMARY AND ANALYSIS OF COMMENTS: TNO Report Describing Root Scaling Model**

Source: The full text of the comments may be found at <http://forum.icann.org/lists/tno-report/>

### **SUMMARY OF COMMENTS (1 October 2009 to 29 November 2009)**

The comment period ran from 1 October to 29 November 2009. No comments were received before 20 March. Two additional comments were received on 30 November 2009.

All comments can be viewed at <http://forum.icann.org/lists/tno-report/>

### **SUMMARY:**

Both comments were posted by Elaine Pruis, One with Fred Kreuger on behalf of "Minds and Machines" the other in her personal capacity.

Both comments raise questions concerning the validity of the report.

In the Minds and Machines comment, "we also find this study – while well intentioned – severely flawed," and in Elaine Pruis's personal contribution, "The study is contradictory and several of the recommendations are unsubstantiated by the qualitative and quantitative evidence."

Both comments also disagree with the conclusion that DNSSEC should be allowed to deploy earlier rather than later.

#### From Minds and Machines:

"The conclusion of the report that "with aggressive re-planning the system is capable of managing the risks associated with adding either (a) DNNSEC or (b) new TLDs, IDNs, and IPv6 addresses over a 12-24 months - but not both." Is unsubstantiated.

The study argues for an early implementation of DNSSEC. While this may be a good idea for other reasons, it is by no means required from a root stability perspective. In fact implementing DNSSEC puts root stability at risk."

#### and from Elaine Pruis:

"It seems that the strong recommendation to add DNSSEC to the root zone directly contradicts the stated goal of the report where "ICANN must ensure that potential changes in the technical management of the root zone and scope of activity at the TLD level within the DNS will not pose significant risks to the security and stability of the system."

Both messages have recommendations that include the uptake of the Expressions of Interest proposal may aid in understanding root scaling

From Minds and Machines:

"Minds and Machines takes the root scaling problem very seriously. However, we also find this study – while well intentioned – severely flawed, and we direct ICANN to undertake further investigations – investigations that allow, in particular, for an increase in staffing and hardware as needed. We also highly encourage ICANN to proceed with the EOI initiative which will give us a better idea of the scope of the scaling issue."

From Elaine Pruis:

"If ICANN takes up the Expressions of Interest proposal where the number and type of new TLDs are made known, several of these questions could be factored into further analysis."

**ANALYSIS:**

Having received only comments from one organization it is hard to

draw any conclusion around the "community" feeling on the report solely from the comment period.

**NEXT STEPS:**

Both the Root Server System Advisory Committee and the Security and Stability Advisory Committee have been approached to provide feedback on the issue of roots scaling to the board.

**COMMENTERS:**

Fred Krueger & Elaine Pruis for Minds and Machine

<http://forum.icann.org/lists/tno-report/msg00000.html>

Elaine Pruis (In Personal Capacity)

<http://forum.icann.org/lists/tno-report/msg00001.html>