

17 December 2014

To: Root Zone Management Partners (IANA, NTIA, Verisign)

Cc: ICANN Board (via RSSAC Liaison to the ICANN Board)

From: RSSAC Co-Chair

In its regular meeting on 20 November 2014, the RSSAC approved the following statement regarding the increase of DNSSEC signature validity period for the DNS Root Zone.

“RSSAC has received a notice from Verisign, the Root zone maintainer, recommending to increase the signature validity period for the root zone. Currently DNSSEC signatures in the root zone have a 7 day validity period and the NS RRset has a 6 day TTL. Verisign is concerned that the 1 day difference between the validity period and TTL could, in specific situations, result in validation problems should there be a significant delay in the distribution of the root zone to a root name server.

The recommendation is to increase the signature validity period to 10 days for signatures in the root zone, as permitted by section 5.1.4 of the DNSSEC Practice Statement of the Root Zone ZSK Operator.

Based on discussion among members of RSSAC, we agree that this is a reasonable change that will alleviate potential validation problems in case of significant distribution delays. RSSAC hereby concurs with the recommendation to initiate appropriate steps to make this change to the root zone.”

After 48 hour preview to the Root Zone Management Partners and the ICANN Board, this statement will be posted on the RSSAC website.

The RSSAC does not request to the Board to take any specific action on these documents but welcomes your questions or comments.

Lars-Johan Liman

Co-Chair, ICANN Root Server System Advisory Committee