

23 April 2018

Cherine Chalaby
Chair, ICANN Board of Directors

RE: ICANN Board Advice Register and Status of RSSAC Historical Advice to the ICANN Board

Dear Cherine Chalaby,

We are writing to provide the ICANN Board an update on the status of one Root Server Stability Advisory Committee (RSSAC) advice item. As you recall, the ICANN Organization reviewed historical advice from the RSSAC to the Board from 2010 to 2015. The Board provided status to the RSSAC on the items from this period in October 2016. This letter acts as a follow-up to that correspondence (see the original letter here:

<https://www.icann.org/en/system/files/correspondence/crocker-to-verd-et-al-19oct16-en.pdf>) as well as correspondence from 23 January 2017

(<https://www.icann.org/en/system/files/correspondence/crocker-to-sinha-et-al-23jan17-en.pdf>).

The ICANN Organization would like to confirm to the Board that ICANN has implemented one of the recommendations which was previously identified as open. This letter acts as formal notice of its completion. Please see the appendix of this letter for more information on this item, including the updated status and implementation notes. We will also update the 'Recommendations to the Board' page with this information (see the page here: <https://features.icann.org/board-advice>).

Thank you for your attention. If you have any questions or comments about the information shared here, we encourage you to share them with Steve Sheng (steve.sheng@icann.org), Director, SSAC & RSSAC Advisories Development Support at ICANN.

Sincerely,



Kim Davies
VP, IANA Services & President, PTI

Cc: Brad Verd, Chair, RSSAC; Tripti Sinha, Chair, RSSAC

Reference Number	RSSAC003
Subject	RSSAC003: RSSAC Report on Root Zone TTLs
Recommendation	To address the DNSSEC problems identified in Section 6.4, the RSSAC recommends the Root Zone Management partners to increase the signature validity periods for signatures generated by both the KSK and the ZSK. KSK signature validity should be increased to at least 21 days. ZSK signature validity should be increased to at least 13 days.
Status	Closed
Action(s) Taken	<p>On 15 September 2016, the Board adopted the RSSAC advice for the KSK signature validity in RSSAC 003, and directs ICANN's President and CEO, or his designee, to proceed with implementing the KSK recommendations in RSSAC 003 in collaboration with the root zone management partners (https://www.icann.org/resources/board-material/resolutions-2016-09-15-en#1.a).</p> <p>On 27 October 2016, a Root Zone key signing ceremony was conducted that generated a signed signature set with the new signature validity periods (https://www.iana.org/dnssec/ceremonies/27). The signature validity period for the KSK was updated to 21 days per the RSSAC advice. The ZSK signature validity period was updated to 13 days per the RSSAC advice.</p> <p>On 1 January 2017, the signatures of the new validity periods in both the KSK and ZSK appeared in the published DNS root zone.</p>