

ICANN | RZERC

Root Zone Evolution Review Committee

31 July 2018

Subject: RZERC001: Feedback on the Updated Plan for Continuing the Root Key Signing Key (KSK) Rollover

The Root Zone Evolution Review Committee (RZERC) is pleased to respond to the Board's request for advice on ICANN's "Updated Plan for Continuing the Root KSK Rollover"¹ per its resolution 2018.05.13.09.²

Having discussed this topic in our recent meetings, the RZERC feels that the tasks and issues surrounding a resumption of the root KSK rollover in 2018 are well in hand. ICANN has already received a significant amount of input and feedback, including SSAC's 2013 SAC063 Advisory,³ the 2016 Design Team report,⁴ Q&A following numerous community outreach presentations, and the 2018 public comment period.⁵ Additionally, we understand that the Root Server System Advisory Committee (RSSAC) and the Security and Stability Advisory Committee (SSAC) are expected to provide a response to the Board's current request for advice.

The RZERC has confidence in the assessments made by SSAC, RSSAC, the root zone management partners, and ICANN's Office of the Chief Technology Officer (OCTO). At this time, the RZERC does not have significant additional advice to add to what these activities have already provided. Additionally, the RZERC is not aware of any reason for not resuming the updated plan for continuing the root KSK rollover.

The RZERC encourages OCTO, SSAC, RSSAC and other interested parties to continue their root KSK related research efforts, especially when this research provides the community more useful information about readiness for future root KSK rollovers. Once an initial rollover has taken place, the RZERC suggests that future rollovers be done at predefined regular intervals in order to minimise the risks arising from static configurations that may harm future changes to the root KSK.

Sincerely,

Duane Wessels

Chair, on behalf of the Root Zone Evolution Review Committee

¹ Available at: <https://www.icann.org/resources/pages/ksk-rollover-operational-plans>

² Available at: <https://www.icann.org/resources/board-material/resolutions-2018-05-13-en#1.g>

³ Available at: <https://www.icann.org/en/system/files/files/sac-063-en.pdf>

⁴ Available at: <https://www.iana.org/reports/2016/root-ksk-rollover-design-20160307.pdf>

⁵ Available at: <https://www.icann.org/public-comments/ksk-rollover-restart-2018-02-01-en>