ICANN 63 RZERC Update

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ccNSO appointee to the RZERC

What it is

Root Zone Evolution Review Committee (RZERC)

The RZERC reviews proposed architectural changes to the content of the DNS root zone, the systems including both hardware and software components used in executing changes to the DNS root zone, and the mechanisms used for distribution of the DNS root zone. The RZERC was formed as a result of the IANA Stewardship Transition.

Latest Updates	Meetings & Work Sessions	Document Archive & Links

About RZERC

Charter

Membership

Correspondence

Report and Findings

Overview

In the ICG proposal, the domain names community required that a standing committee be put into place that will provide recommendations to the ICANN Board regarding the advisability of moving forward with all major architectural changes to the DNS root. ICANN named this committee the Root Zone Evolution Review Committee (RZERC). The RZERC will consider issues raised by any of its members, PTI, or by the CSC.

While the RZERC will not necessarily be the group that considers the details of the issues under consideration, it will be responsible for ensuring that those involved in the declarations include all relevant bodies and have access to necessary expertise. As such, the RZERC will coordinate with relevant organizations and communities, and if appropriate, external experts, to confirm that all affected parties are involved in discussions and recommendations regarding architectural changes to the root zone.

https://www.icann.org/rzerc

Who we are
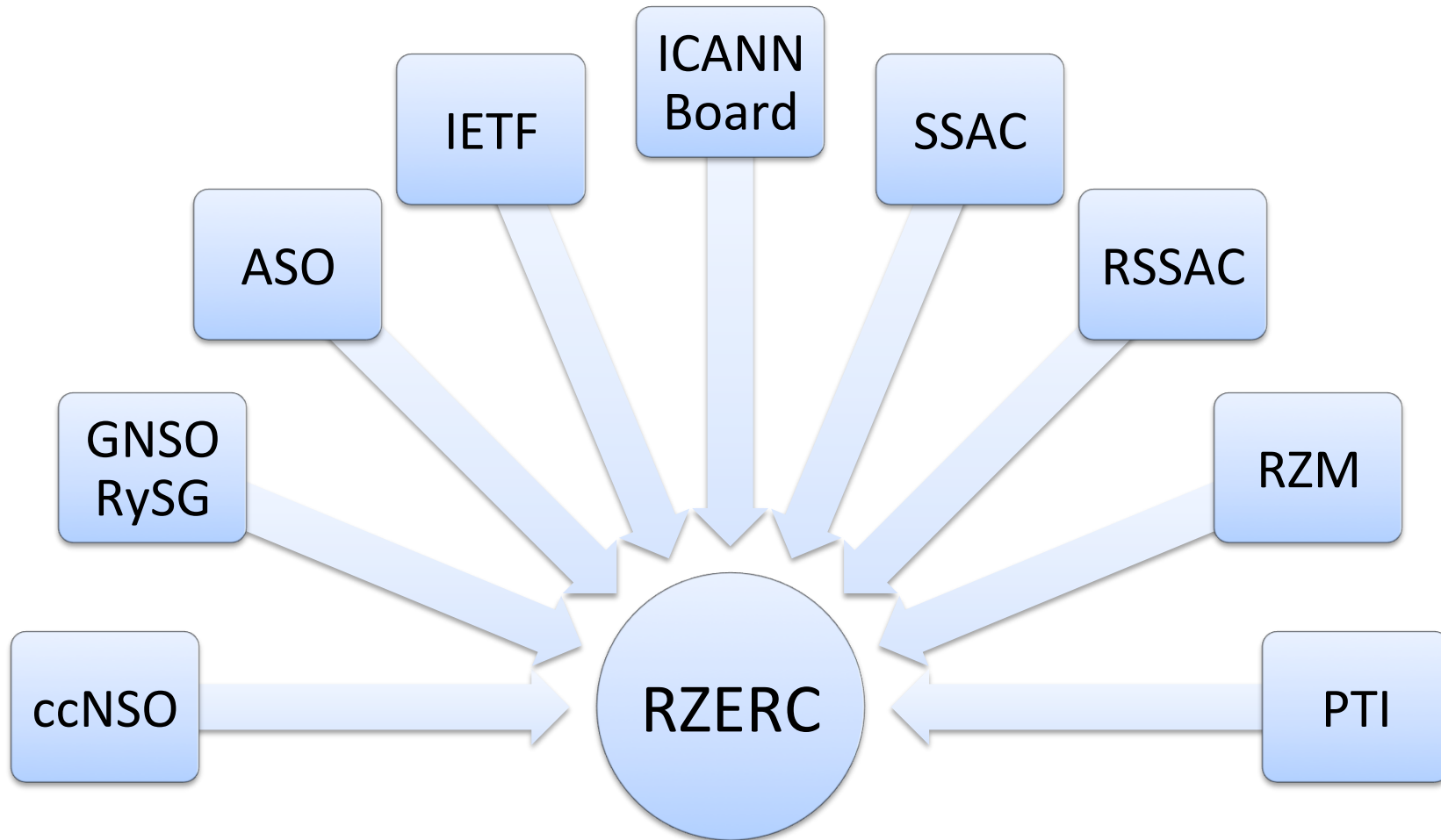
Where we are

Latest Updates

24 Oct 2018	**RZERC Public Meeting at ICANN 63 AGM Barcelona** 24 October 2018 – Information Session of the Root Zone Evolution Review Committee | 10:30 CEST | 08:30 UTC | Room 127/128 | Remote Participation
12 Aug 2018	RZERC has published: Feedback on the Updated Plan for Continuing the Root Key Signing Key (KSK) Rollover
26 Jul 2018	Meeting minutes, audio recording and transcript from the RZERC Teleconference Call on 25 June 2018 have been published
25 Jun 2018	Meeting minutes, audio recording and transcript from the RZERC Teleconference Call on 22 May 2018 have been published
07 Feb 2018	Meeting minutes, audio recording and transcript of 11 December 2017 RZERC Teleconference call available
11 Dec 2017	RZERC has suspended monthly Teleconference Calls until proposals are received. The committee will have one public meeting during the year next ICANN General Meeting next fall 2018.

Where we are (2)

Meetings & Work Sessions

13 Aug 2018	RZERC Teleconference #18	Audio Recording Transcript: EN Meeting Minutes
26 Jul 2018	RZERC Teleconference #17	Audio Recording Transcript: EN Meeting Minutes
25 Jun 2018	RZERC Teleconference #16	Audio Recording Transcript: EN

Two Issues Raised

- Root Zone KSK Rollover
  - Asked by ICANN Board
    - `https://www.icann.org/resources/board-material/resolutions-2018-05-13-en#1.g`
  - Responded to with RZERC001

- Root Zone Management Evolution Study
  - OCTO, Inspired by the CWG Proposal
    - `https://www.icann.org/en/system/files/files/iana-stewardship-transition-proposal-10mar16-en.pdf`
  - Withdrawn

RZERC001

Document Archive & Lin[...]

Date	Document Name[...]
10 Aug 2018	Feedback on th[...] Rollover_RZER[...]
31 Oct 2017	RZERC Presen[...]
06 Sep 2017	RZERC000v1: [...]
28 Apr 2017	The RZERC Ar[...]
28 Feb 2017	OBSOLETE:RZ[...]
08 Aug 2016	RZERC Charter[...]

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

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[1] Available at: https://www.icann.org/resources/pages/ksk-rollover-operational-plans
[2] Availeble 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

Next Steps

- Public meeting Wed 10:30 (UTC+2)
- Suspend regular meetings (again)
- Review role in light of KSK rollover response