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**Second Security, Stability and Resiliency of the DNS Review Team Work Plan**

This document serves as a guide for the Second Security, Stability and Resiliency of the DNS Review Team (SSR2-RT) to plan its work for the review.

Per Section 4.6 of the ICANN Bylaws, the SSR2-RT is mandated to review by ICANN's commitment to enhance the operational stability, reliability, resiliency, security and global interoperability of the systems and processes (internal and external) that affect the Internet's unique identifiers.

This work plan outlines the key areas for discussion and milestones to be achieved during the review process.

1. **Preparation**
2. *Adopt Terms of Reference:* The review team shall come to agreement on the Terms of Reference and ensure they share a common understanding of the scope of the review.
3. *Review data:* The group shall identify the types and instances of data sources that are deemed needed, important, or useful to this review. This may include, but is not limited to:
   * Statistical Analysis of DNS Abuse in New gTLDs: SIDN and Delft University of Technology. Final report tentatively scheduled for June 2017.
   * Continuous Data-Driven Analysis of Root Stability (CDAR): TNO, SIDN and NLnet Labs.
     + <https://www.icann.org/en/system/files/files/cdar-root-stability-final-08mar17-en.pdf>
4. *Form sub-teams:* The SSR2-RT can create as many sub-teams as it deems necessary, through its standard decision process, to complete its tasks.
5. **Draft Recommendations**

The SSR2-RT, after investigating, shall endeavor to produce draft recommendations to a schedule agreed upon by the sub-teams.

1. **Sub-Teams**
   1. *Scope of work:* Each sub-team shall be tasked with reviewing the available data and materials that correspond with its assigned review area. Preliminary findings should be discussed with the full SSR2-RT. Recommendations from each sub-team should be developed based on preliminary findings and associated discussions. Each sub-team will be responsible for determining data relevant to its analysis. Sub-team leads shall be responsible for keeping the full SSR2-RT informed of sub-team discussions.
   2. *Timeline and process:* Each sub-team will be responsible for drafting a schedule of its work and milestones, in accordance with milestones and deadlines set by the full SSR2-RT. Each sub-team’s timeline should include a date for delivering draft recommendations for consideration by the SSR2-RT.

Sub-teams may use their own email list. Emails exchanged on the list will be open to the full SSR2-RT for so its members may follow the discussions.

* 1. *Additional data:* The sub-teams may request additional data in the form of resources from ICANN or out with the organization. Any such requests shall be discussed with the full SSR2-RT.
  2. *Analysis and findings:* Each sub-team will analyze its determined data set to reach preliminary findings. Preliminary findings and methodology should be presented to the full SSR2-RT for discussion. The sub team will then incorporate any SSR2-RT feedback as appropriate.
  3. *Recommendations:* Draft recommendations may arise from the sub-team’s work. It is the sub-team lead’s responsibility to share these with the full SSR2-RT. Final recommendations shall be agreed upon with the SSR2-RT. Recommendations should be clear, concise, concrete, prioritized, measurable and implementable. The SSR2-RT should seek input from the ICANN Board and staff regarding implementability of recommendations.

The recommendations will fall into two categories: those which can be implemented directly by ICANN staff and those which require further policy development by the community.

Sub-teams shall document the rationale they have employed for any recommendations and, where possible, provide a quantitative target or metric for measurement of the recommendation’s success.

1. **Draft Report**

All sub-team findings and recommendations will be incorporated into a draft report. A draft report will be published for public comment for a period of at least 40 days.

1. **Public Comment Period**

Each sub-team shall consider public comments and incorporate them into their recommendations, where appropriate. The SSR2-RT will work to reach consensus on incorporating public comments, as appropriate, in the final report.

1. **Final Report**

The SSR2-RT shall come to an agreement on its final recommendations and publish a final report.

1. **Implementation Feedback**

SSR2-RT members may be called upon to provide feedback on the implementation of recommendations.