

RSSAC Caucus Statement of Work for RSSAC001v2

July, 2022

Background

RSSAC001 describes many service expectations of root server operators, and requires or recommends that RSOs publish certain information. It has been nearly seven years since the first version of RSSAC001 was published. It may therefore benefit from updates to better align with current approaches and thinking of root server operations, other documents published by RSSAC (e.g. RSSAC002, RSSAC047), and possible future developments.

This proposed work effort will determine what changes need to be made to RSSAC001v2 and publish the second version of RSSAC001.

Scope

The RSSAC Caucus will be asked to discuss and determine the best course of action for the following topics related to RSSAC001v1:

1. Evaluate the existing requirements and expectations in RSSAC001v1 for relevance in today's RSS environment.
2. Evaluate how well RSOs are meeting existing RSSAC001 expectations.
3. Consider the need for clarifications with respect to RSSAC001 in setting expectations, recommendations, or requirements and the language used to describe them (e.g., will, shall, must, may, should).
4. Consider if any existing service expectations should be revised.
5. Consider if any new service expectations should be added.
6. Consider if any existing service expectations should be removed.
7. Evaluate RSSAC001 overall for correct and up-to-date use of terminology.

Companion Document

RFC 7720 is a companion document to RSSAC001, which specifies the protocol and deployment requirements for the DNS root name service. The Internet Architecture Board should be made aware that this work party is being formed to evaluate and possibly update RSSAC001v1. The IETF may or may not want to also update RFC 7720 at the same time.

Deliverable

A *final draft* of RSSAC001v2 to be voted upon by the RSSAC before becoming an RSSAC publication.

Date of Delivery

The final draft should be submitted to the RSSAC no later than May 1st, 2023. Submission prior to the deadline is welcome. If the IETF decides to update the companion document, RFC 7720, publication of either document may be postponed so that they are published at close to the same time.

Guidelines

This effort is to be carried out on the main RSSAC Caucus mailing list and involve any member of the RSSAC Caucus that wishes to participate. **\$WP_LEADER** has agreed to be the champion for this work. They will ensure the work progresses forward and give updates on the work effort at RSSAC Caucus meetings and monthly RSSAC meetings. In the event that the deadline will not be realized, the champion should inform RSSAC and provide details of the work that cannot be completed by the deadline.

RSSAC support staff will assist the work party deliberation of the work, including setting up a mailing list for the work party, arranging and supporting regular teleconference calls, taking notes of meetings, and drafting background materials if needed.

References

RSSAC001: Service Expectations of Root Servers

<https://www.icann.org/en/system/files/files/rssac-001-root-service-expectations-04dec15-en.pdf>

RFC 7720: DNS Root Name Service Protocol and Deployment Requirements

<https://datatracker.ietf.org/doc/html/rfc7720>