Rec 1: RSSAC047

RSSAC Advisory on Metrics for the DNS Root Servers and the Root Server System (R1)

Date Issued	Document	Reference ID	Current Phase
12 Mar 2020	RSSAC Advisory on Metrics for the DNS Root Servers and the Root Server System (R1)	RSSAC047	Phase 5 | Close

1. Phase 1 Receive
2. Phase 2 Understand
3. Phase 3 Evaluate
4. Phase 4 Implement
5. Phase 5 Close
6. Closed

Description:

The RSSAC recommends the ICANN Board commission an initial implementation of the measurement system described in this document to gather operational data and experience from actual monitoring of the RSS. The initial implementation should be designed such that it can transform into the official implementation as described in Recommendation 2 below. The insights learned from the implementation will inform future revisions of this document, if necessary.

STATUS UPDATES

Date	Phase	Type	Status Updates
13 Oct 2023	Phase 5	Phase Update	ICANN sent a letter (https://www.icann.org/en/system/files/correspondence/olive-to-osborn-13oct23-en.pdf) to the RSSAC regarding this Advice item.
21 Sep 2023	Phase 5	Phase Change	Now in Phase 5: Close
21 Sep 2023	Phase 4	Phase Update	This work is complete and has been presented to RSSAC.
11 Aug 2023	Phase 4	Phase Update	ICANN org in the process of writing up findings and proposed next steps to be provided to the RSSAC.
20 Sep 2022	Phase 4	Phase Update	ICANN org has been working on implementing this recommendation. Implementation is anticipated to be complete at the end of SR1, 15 November 2022. Once this is complete, ICANN org will prepare a document with findings to present to the Board for consideration. This will inform next steps for R2.
07 Apr 2021	Phase 4	Phase Change	Now in Phase 4: Implement
07 Apr 2021	Phase 3	Board Update	Board resolution to implement passed Resolutions 2021.03.25.04 – 2021.03.25.06 on 25 March 2021: https://www.icann.org/resources/board-material/resolutions-2021-03-25-en#1.b.
23 Apr 2020	Phase 3	Phase Change	Now in Phase 3: Evaluate & Consider
23 Apr 2020	Phase 2	AP Feedback	ICANN received confirmation of understanding from the RSSAC.
21 Apr 2020	Phase 2	Board Understanding	ICANN org understands that this recommendation is asking for an initial implementation of the measurement system described in RSSAC047. The "initial implementation" is assumed to be functional, but not necessarily up to the operational expectations that a long-term service would have. This recommendation is to the ICANN Board.
21 Apr 2020	Phase 2	Phase Update	Updated understanding based on RSSAC's feedback sent to the RSSAC for review.
02 Apr 2020	Phase 2	AP Feedback	RRSAC provided clarifying comments to ICANN Org's understanding - The work described in RSSAC047 is based on a largely empirical model of measurement rather than analytics (see last bullet in Recommendation 3 - cell F14). Therefore, we suggest that the phrase "initial implementation of the measurement and analysis systems" in cell G12 be changed to "initial implementation of the measurement system" to reflect the empirical nature of the initial implementation.
27 Mar 2020	Phase 2	Board Understanding	ICANN org understands that this recommendation is asking for an initial implementation of the measurement and analysis systems described in RSSAC047. The "initial implementation" is assumed to be functional, but not necessarily up to the operational expectations that a long-term service would have. This recommendation is to the ICANN Board.
27 Mar 2020	Phase 2	Phase Update	Understanding was sent to the RSSAC for review.

23 Mar 2020	Phase 2	Phase Change	Now in Phase 2: Understand
23 Mar 2020	Phase 1	Phase Update	ICANN acknowledged receipt of Advice.
12 Mar 2020	Phase 1	Phase Update	RSSAC published RSSAC047: RSSAC Advisory on Metrics for the DNS Root Servers and the Root Server System Link: https://www.icann.org/en/system/files/files/rssac-047-12mar20-en.pdf.