

Board Technical Committee (BTC) Activity Report – 1 July through 31 December 2021

Section I – Completed Activities

Item	Description	Completion Date	Accomplishments/Outcome
Oversee the progress of the work of the DNS Security Facilitation Initiative (DSFI) Technical Study Group <i>[Was] Plan to setup a DNS Security Facilitation Initiative (DSFI)</i>	In order to achieve the activity originally assigned to the BTC to propose a plan to launch a DSFI, the CEO has created a technical study group to further study and propose a plan for the facilitation function with input from the community.	October 11 2021	The Technical Study Group has submitted its final report to the CEO on October 11 2021 ¹ .
ICANN Managed Root Server (IMRS) Strategy	The BTC to initiate a work by ICANN ORG to produce a technical analysis of Hyperlocal in response to questions raised by the community following public comments on the IMRS strategy document.	August 25 2021	In response to the BTC request, OCTO has published an analysis of Hyperlocal in its document OCTO-027 ² .

¹ CEO and DSFI-TSG chair blogs - <https://www.icann.org/en/blogs/details/dns-security-facilitation-technical-study-group-delivers-final-report-13-10-2021-en> and <https://www.icann.org/en/blogs/details/hats-off-to-the-dns-security-facilitation-initiative-tsg-for-exceptional-report-15-10-2021-en>

² Technical Analysis of Hyperlocal Root Zone - <https://www.icann.org/en/system/files/files/octo-027-25aug21-en.pdf>

Section II – Activities in Progress

Item	Description	Committee Completion Date	Accomplishments/Outcome
Name Collision Analysis Project (NCAP) – Study 2	The BTC Oversee the work on NCAP Study-2, and regularly update the Board on its evolution.	Q3 2022	Work on Study-2 is in progress with the support of an external contractor. A report is expected to be delivered to the BTC at the end of Q2 of 2022.
Evolution of the Root Server System governance: RSAAC037/038 implementation plan	The BTC to oversee and act as the Board Caucus group for the implementation of RSSAC037/038.	TBC	<p>The Root Server System Governance Working Group (RSSG-WG) through its work continues to explore ways to fine tune and implement the proposals in RSSAC037.</p> <p>The Board has recently received and accepted [in Resolutions 2021.11.18.01, 2021.11.18.02 and 2021.11.18.03] the additional guideline provided by RSSAC through their document “Success Criteria for RSS Governance” - RSSAC058/59.</p>
Root Zone Management (RZM) Evolution Study	<p>To conduct an analysis of whether and how to revise the existing RZM through two studies:</p> <ul style="list-style-type: none"> - The first study would evaluate the process as it is today and provide possible recommendations on incremental changes that could be made to make the process more robust. - The second study would not be limited to making incremental changes to the current approach but would instead consider a potential new radical approach for making changes to the content of the root zone. 	Q1 2022	<p>A contractor is selected and the work on the first study is proceeding as planned. The first draft of the study was delivered to OCTO in late November 2021. The first study will go to public comment in early Q1 2022 and will be finalized and sent to the BTC in Q2 2022.</p>
ICANN Managed Root Server (IMRS) Strategy	The BTC to oversee the finalization of the IMRS strategy taking into consideration inputs provided by the community.	Q1 2022	<p>The project group is working on a revised version of the strategy document (OCTO-16). A new version is expected to be submitted to the BTC during Q1 of 2022.</p>

Section III: Appendix – Resolutions Recommended by the BTC and Passed by the Board

PROPOSED RESOLUTIONS:

[Resolutions 2021.11.18.01, 2021.11.18.02, 2021.11.18.03] - Next Steps in Root Server System Governance

Whereas, the Root Server Operators (RSOs) are critical members of the Internet community and participate in the ICANN community through the Root Server System Advisory Committee (RSSAC).

Whereas, the ICANN Bylaws establish the RSSAC with the role to advise the ICANN community and ICANN Board on matters relating to the operation, administration, security, and integrity of the root server system (RSS).

Whereas, the ICANN Board remains committed to evolving RSS governance based on the model outlined in RSSAC037 and principles expanded in RSSAC055 and in accordance with advice in [RSSAC038](#).

Whereas, the [ICANN Board convened](#) (Resolution 2019.11.07.42) the RSS Governance Working Group (RSS GWG) to develop a final model of RSS governance and RSO accountability. Through that resolution, the ICANN Board accepted Recommendation 1 from RSSAC038 and noted that evaluation and consideration of Recommendations 2 and 3 from RSSAC038 was ongoing.

Whereas, the ICANN Board [supports](#) RSS GWG efforts to achieve consensus outcomes that implement new RSS governance and RSO accountability and is ready to work with the RSS GWG as its proposal evolves.

Whereas, the ICANN Board affirms that it is in the best interest of ICANN that the RSS GWG outcome is supported by the RSS stakeholders.

Whereas, the ICANN Board welcomes the development of success criteria for RSS governance by the RSOs and RSSAC as provided in RSSAC058.

Whereas, the RSS Governance Board Caucus Group has reviewed RSSAC058 and RSSAC059.

Whereas, the RSS Governance Board Caucus Group recommends that the ICANN Board accepts Recommendations 1 and 2 from RSSAC059 and directs the RSS GWG to incorporate the success criteria for RSS governance from RSSAC058 into its work.

Whereas, the RSS Governance Board Caucus Group recommends that the ICANN Board consider Recommendations 3 and 4 from RSSAC059 as part of its ongoing evaluation and consideration of Recommendations 2 and 3 from RSSAC038.

Resolved (2021.11.18.01), the ICANN Board accepts Recommendations 1 and 2 from RSSAC059 and will consider Recommendations 3 and 4 from RSSAC059 as part of its ongoing evaluation and consideration of Recommendations 2 and 3 from RSSAC038.

Resolved (2021.11.18.02), the ICANN Board directs the RSS GWG to incorporate the success criteria for RSS governance from RSSAC058 into its work.

Resolved (2021.11.18.03), the ICANN Board directs the ICANN President and Chief Executive Officer, or his designee(s), to continue supporting the work of the RSS GWG, RSSAC, and RSOs in the spirit of the advice expressed in RSSAC058 and RSSAC059

<https://www.icann.org/resources/board-material/resolutions-2021-11-18-en#1.a>

