

Board Technical Committee (BTC) Activity Report – 1 July through 31 December 2022

Section I – Completed Activities

| Items | Description | Completion Date | Accomplishments/Outcome |
|---|--|-----------------|--|
| Implement IDN Guidelines version 4.1 | The BTC to review the recommendation put forwarded for IDN Guideline version 4.1 implementation. | July 2022 | The BTC has approved the recommendations presented by ICANN org at its meeting of 21 July 2022 and the Board ratified the proposal in its Resolutions 2022.09.22.11, 2022.09.22.12, 2022.09.22.13 ¹ |
| Impalement of SAC113 Recommendations | The BTC to review the proposed process for implementing SAC113 recommendations. | July 2022 | The BTC has reviewed a proposal submitted by ICANN Org and approves a four-step approach process during its meeting of 21 July 2022. The Board ratified the proposal in its Resolution 2022.09.22.08 ² . |
| Root Zone Management (RZM) Evolution Study | To conduct an analysis of whether and how to revise the existing RZM through a study that (a) will evaluate the process as it is today and provide possible recommendations on incremental changes that could be made to make the process more robust; and (b) would consider a potential new radical approach for making changes to the content of the root zone. | July 2022 | After a last round of public comment period, the final report of the study was published in July 2022 ³ . |
| DSFI-TSG Recommendation's Feasibility Report | BTC to oversee the implementation of the DSFI-TSG report to include: <ul style="list-style-type: none"> - A feasibility assessment. - An implementation plans. | December 2022 | OCTO worked with an external consultant to complete a feasibility assessment of the DSFI-TSG recommendations. The outcome was announced in a blog published on 14 December 2022 ⁴ . |

¹ Approval of Implementation of IDN Guideline Version 4.1 - <https://www.icann.org/en/board-activities-and-meetings/materials/approved-resolutions-regular-meeting-of-the-icann-board-22-09-2022-en#2.d>

² Approval of SAC113 implementation plan - <https://www.icann.org/en/board-activities-and-meetings/materials/approved-resolutions-regular-meeting-of-the-icann-board-22-09-2022-en#2.b>

³ Root Zone Update Process Study Report - <https://www.icann.org/en/system/files/files/root-zone-process-study-08jul22-en.pdf>

⁴ ICANN Org Blog on completion of feasibility assessment of TSFI-TSG recommendations - <https://www.icann.org/en/blogs/details/icann-completes-initial-evaluation-of-dns-security-recommendations-14-12-2022-en>

Section II – Activities in Progress

| Item | Description | Estimated Completion Date | Accomplishments/Outcome |
|---|--|---------------------------|---|
| Name Collision Analysis Project (NCAP) – Study 2 | The BTC to oversee the work on NCAP Study-2, and regularly update the Board on its progress. | Q2 2023 | Work on Study-2 is in progress. A report that will answer all the original Board questions is expected to be delivered to the Board in Q2 of 2023. A public comment on the draft report is expected to be to be open before ICANN76 meeting. |
| 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 | 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. The Working Group had a workshop during the first week of December 2022 to advance its work on the principles of governance model. |
| Implementation of DSFI-TSG Recommendations | The BTC to continue to oversee steps taken by Org to implement recommendations submitted by the DSFI-TSG | TBC | The CEO has received and accepted the DSFI-TSG recommendations. An internal process has just been completed to assess its feasibility. Next step is to develop an implementation plan for each recommendation. |

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

PROPOSED RESOLUTIONS:

Resolution [2022.09.22.08]: [Initiating the Implementation of SAC113 Recommendation](#)

Whereas, on 18 September 2020 the SSAC published [SAC113: SSAC Advisory on Private-Use TLDs](#), recommending that the ICANN Board ensure a string is identified and reserved at the top level of the DNS for private use, and that this particular string must never be delegated.

Whereas, the Board Technical Committee and ICANN org have evaluated the feasibility of the SSAC's advice in [SAC113](#) and developed a proposed approach for implementing the advice.

Whereas, on 20 October 2020 Göran Marby, President and Chief Executive Officer of ICANN org [wrote](#) Alissa Cooper, Chair, Internet Engineering Task Force and Mirja Kühlewind, Chair, Internet Architecture Board requesting further discussion on the recommendation of SAC113.

Whereas, on 12 November 2020 Alissa Cooper on behalf of the Internet Engineering Steering Group, and Mirja Kühlewind on behalf of the Internet Architecture Board [responded](#).

Whereas, the Board has considered the SSAC advice and the implementation recommendations from the Board Technical Committee and ICANN org relating to this advice.

Resolved (2022.09.22.08), the Board directs the President and CEO, or his designee(s), to conduct a Public Comment proceeding on a proposed procedure to identify and reserve a string for private use in accordance with the recommendation contained in SAC113. The Board requests that the ICANN org prepare and submit a Report on the Public Comments received during this proceeding in order to assist the Board to determine its disposition on instructing IANA to choose a string to be reserved from delegation.

Resolutions [2022.09.22.11 – 2022.09.22.13]: Approval of Guidelines for Implementation of IDN Version 4.1

Whereas, Internationalized Domain Names Implementation Guidelines (IDN Guidelines) were initially adopted by the ICANN Board in 2003 and subsequently updated in 2005, 2006, 2007 and 2011 to reflect best practices and protocol updates through the Internet Engineering Task Force (IETF).

Whereas, the current version 3.0 of the IDN Guidelines was last updated in 2011 and there has been much experience gained in implementing IDNs during this period.

Whereas, an expert IDN Guidelines Working Group (IDNGWG) was formed in 2015 based on nominations by the Country Code Names Supporting Organization (ccNSO), Generic Name Supporting Organization (GNSO), At-Large Advisory Committee (ALAC), and Security and Stability Advisory Committee (SSAC) to update version 3.0 of the Guidelines.

Whereas, the IDNGWG, after incorporating inputs received during the comment periods, published the final proposed draft of the IDN Guidelines version 4.0 on 10 May 2018 for consideration by the ICANN Board at <https://www.icann.org/en/system/files/files/idn-guidelines-10may18-en.pdf>.

Whereas, the IDNGWG identified the guidelines 6a, 11, 12, 13, 18, and 19 are separable for implementation at a later stage from the remaining guidelines in IDN Guidelines version 4.0.

Whereas, the GNSO asked to defer its guidelines 6a, 11, 12, 13, and 18 of IDN Guidelines until these are considered under its IDN Expedited Policy Development Process (EPDP).

Resolved (2022.09.22.11), the ICANN Board approves the deferral of the subset of guidelines 6a, 11, 12, 13, and 18 of the IDN Guidelines version 4.0 from consideration until the completion of IDN EPDP.

Resolved (2022.09.22.12), the ICANN Board approves the guidelines in the IDN Guidelines version 4.0, except the deferred guidelines 6a, 11, 12, 13, 18 and associated Additional Notes, directs these to be published as IDN Guidelines version 4.1 and to supersede version 3.0.

Resolved (2022.09.22.13), the ICANN Board directs the President and CEO, or his designee(s), to implement the updated IDN Guidelines version 4.1.