

At-Large Workspace: Internationalized Domain Name (IDN) Implementation Guidelines

Public Comment Close	Statement Name	Status	Assignee (s)	Call for Comments Open	Call for Comments Close	Vote Open	Vote Close	Date of Submission	Staff Contact and Email	Statement Number
02 May 2017	Internationalized Domain Name (IDN) Implementation Guidelines	No Statement	n/a						Sarmad Hussain sarmad.hussain@icann.org	n/a

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Brief Overview

Purpose: The Internationalized Domain Name (IDN) Implementation Guidelines relate to the IDN registration policies and practices, designed to minimize the risk of cybersquatting and consumer confusion, to cater to the interests of communities using local languages and scripts. Following the [Call for Community Experts](#), a Working Group (WG) was formed in to review the current version (3.0) of the [IDN Implementation Guidelines](#), last updated in 2011.

Current Status: The WG has finalized its work and solicits feedback of the community on the [Guidelines for the Implementation of the Internationalized Domain Names 4.0](#) [PDF, 363 KB], the proposed update to the current Guidelines

Next Steps: The IDN Guidelines WG (IDNGWG) will review and incorporate the comments received from the community and finalize the next version of the IDN Implementation Guidelines. The final version of the Guidelines published by the WG will be presented to ICANN Board of Directors for approval.

Section I: Description, Explanation, and Purpose

Since publication of the latest version of the Guidelines in 2011, there have been changes in the terminology around IDNs and IDN tables (e.g. see Appendix 2 of [Integrated Issues Report](#) [PDF, 2.15 MB]), as well as a definition of the [machine readable format](#) of the IDN tables called the Label Generation Ruleset (LGR). Additional analysis and data are also available, including [Maximal Starting Repertoire](#) (MSR), [Root Zone Label Generation Rules](#), informational RFC 6912 and [revised IANA IDNA tables](#) for Unicode 6.3.0. Finally there have been recommendations for consistency and manageability of variants across different levels in a domain name, e.g. in the [User Experience Study](#) [PDF, 1.38 MB] and related SSAC comments in [SAC 60](#) [PDF, 655 KB] report. Based on the experience with implementing IDNs accumulated since 2011, GNSOCouncil and its members asked ICANN to update these guidelines.

A [Call for Community Experts](#) was announced to invite volunteers to update these Guidelines in July 2015 and IDNGWG was finalized in October 2015. IDNGWG comprises of expert volunteer members from ALAC, ccNSO, GNSO and SSAC. These members have been regularly meeting since 2015, to review and updated the Guidelines. Details of the membership, email archive, call recordings and summaries of the working group meetings are available at the [wiki page](#). IDNGWG has been interacting with the community during ICANN meetings. The WG presented the initial issues list to the community at ICANN 55 and an interim draft of the Guidelines at ICANN 57. Based on the feedback received, the WG has updated and finalized the Guidelines.

The main audience of the Guidelines is Top-Level Domain (TLD) registries that offer or plan to offer registrations of IDNs under their Registry Agreements. For other registries (e.g. Country Code Top Level Domain Name registries) this document is intended as the best current practice. These Guidelines are also intended for registrars offering registration of IDNs.

Section II: Background

The IDN Implementation Guidelines have been updated when there was a change to relevant protocols or other demand from the community, but not on a regular basis. As there are contractual obligations associated with the Guidelines, updating them may have a significant impact. To date, there have been five versions of the Guidelines, available through the link: <https://www.icann.org/resources/pages/implementation-guidelines-2012-02-25-en>. The current [Version 3.0](#) was developed through a community based effort and finalized on 2 September 2011. This was [endorsed](#) by the ICANN Board of Directors on 28 October 2011.

Section III: Relevant Resources

- Current and previous versions of IDN Implementation Guidelines: <https://www.icann.org/resources/pages/implementation-guidelines-2012-02-25-en>
- Wiki page for the working group: <https://community.icann.org/display/IDN/IDN+Implementation+Guidelines>

Section IV: Additional Information

Section V: Reports

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FINAL VERSION TO BE SUBMITTED IF RATIFIED

The final version to be submitted, if the draft is ratified, will be placed here by upon completion of the vote.

FINAL DRAFT VERSION TO BE VOTED UPON BY THE ALAC

The final draft version to be voted upon by the ALAC will be placed here before the vote is to begin.

FIRST DRAFT SUBMITTED

The first draft submitted will be placed here before the call for comments begins.