

ICANN IDN Status Update

- prepared for the IDN Workshop

Morocco

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Agenda

- Review of ICANN Activities since last ICANN meeting
 - Proposed technical and operational test plan
 - Consultation surrounding the proposal
- IDN Program Plan
 - Encompasses all IDN projects
- Draft Revised Plan for Technical and Operational Tests
 - New proposal based on advice and comments received from community interaction and specific experts

Review of Activities Since Last ICANN Meeting

- March:
 - President Advisory Committee released proposed plan for technical test
- April:
 - Initial RSSAC discussion about the proposed test plan
 - Community and constituency discussions about the proposed test plan during ICANN Wellington meeting
- May:
 - ICANN Staff discussed the input to generate a revision of the proposed plan
 - Further consultation sought from experts to generate a revised proposed plan
- June:
 - Revised the proposed plan for presentation to stakeholders
 - Developed a process for finalizing the revised test plan

IDN Program Plan

- The IDN Program Plan encompasses all the actions and deliverables necessary to eventually deploy IDNs.
- The Program Plan is comprised of several projects that may be planned separately but that have interdependencies that must be managed:
 - Technical and Operational Test
 - Policy Development
 - IDN Guidelines
 - IANA Processes
 - Outreach Planning
 - Communication Planning

Overall Goal w/ Technical and Operational Test

- Demonstrate that the insertion of IDN strings into the root has no appreciable negative impact on existing resolutions
 - it is difficult to prove a negative
 - we can take steps that allow us to say:
"we are reasonably certain there are no issues"
- Reaching the goal requires a combination of activities:

Draft Revised Technical and Operational Test Plans

- Proposed test plan includes interrelated milestones where some run in parallel:
 - NS records based on Punycode
 - Perform test in laboratory setting
 - input from DNS technical and operational experts to define issues
 - Perform operational process test
 - to verify functionality of necessary internal processes
 - DNS Root Name Server test
 - DNAME Resource Record
 - Analysis of functional and practical implications

Draft Revised Technical and Operational Test Plans

- Process for finalization of proposed new plans:
 - review and approval of revised plan by IDN-PAC
 - review and approval by ICANN Executive Management
 - discussion of revised plan in Marrakesh IDN meetings
 - discussion of revised plan at the IETF meeting in Montreal (particularly RSSAC, root ops)
 - public posting of proposed plan for comment
 - finalization of test plans