

ICANN Mandate and Activities Related to Internationalization of Domain Names

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Agenda

- **General ICANN Information**
 - Mission Statement
 - Founding Principles
 - Issues outside ICANN's Mandate
- **ICANN IDN Development**
 - Presidents Advisory Committee for IDNs
 - IANA Repository for IDN TLD Practices
 - IDN Guidelines Revision
 - Technical Test of Internationalized Top Level Labels
- **ICANN IDN Workshops & Looking Ahead**



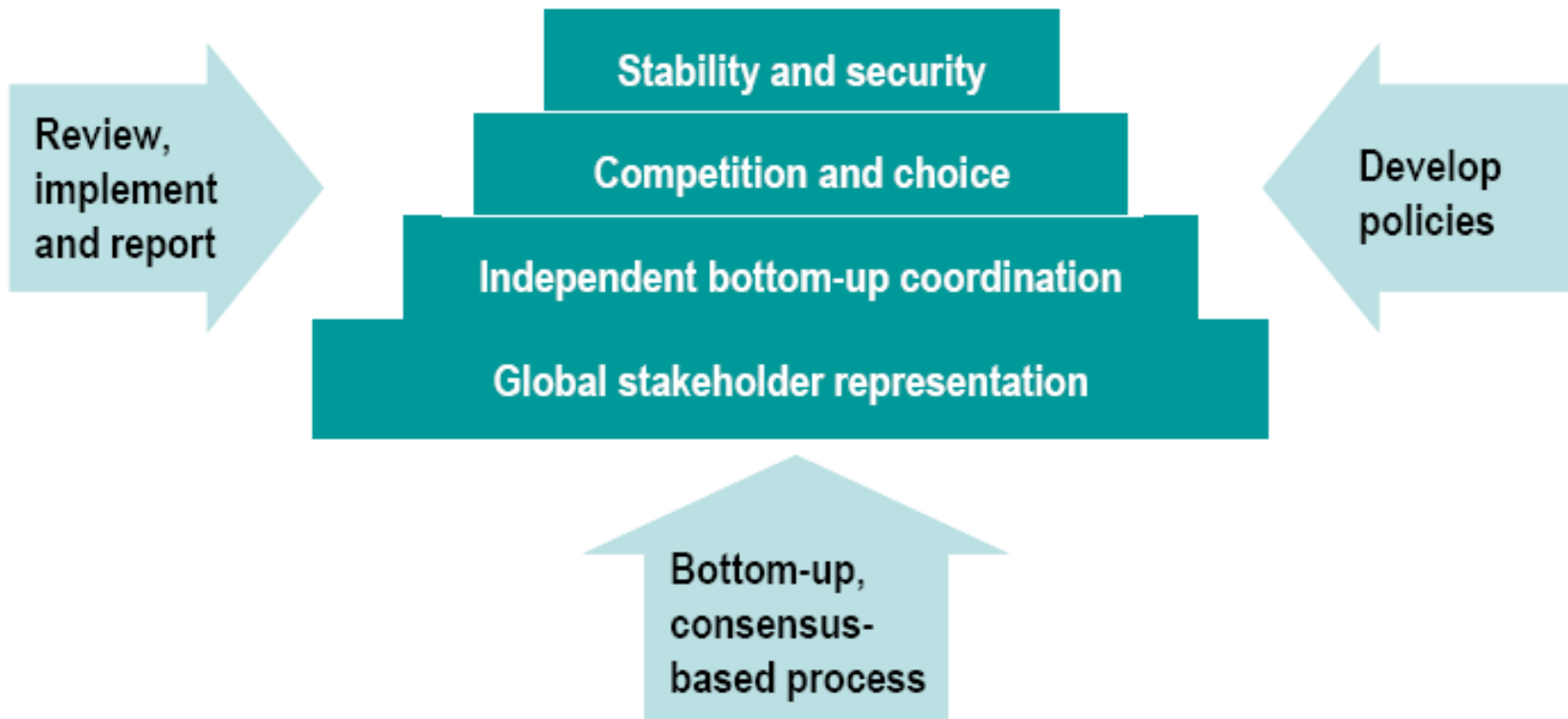
ICANN Mission Statement

ICANN's mission is to coordinate, at the overall level, the global Internet's systems of unique identifiers, and in particular to ensure the stable and secure operation of the Internet's unique identifier systems. In particular, ICANN:

1. Coordinates the allocation and assignment of the three sets of unique identifiers for the Internet, which are:
 - Domain names (forming a system referred to as "DNS");
 - Internet protocol ("IP") addresses and autonomous system ("AS") numbers; and
 - Protocol port and parameter numbers.
2. Coordinates the operation and evolution of the DNS root name server system.
3. Coordinates policy development reasonably and appropriately related to these technical functions.



ICANN Founding Principles



Issues Not Lying within ICANN's Mission

- Content on the Internet
- SPAM
- Financial transactions online
- Consumer protection law
- Privacy law
- Data protection law
- Intellectual Property law
- E-commerce, e-education, e-government etc.



IDN Activities



President's Advisory Committee for IDNs

- Announced on 23 November 2005
- Monthly meetings
- 18 members, 3 chairs
 - Members are IDN Experts
 - Including GAC, GNSO, ccNSO, SSAC, IAB, UTC, UN, MINC, ALAC representatives
 - Ranging from 17 different countries
- The committee is tasked with:
 - Creating overview of technical barriers and opportunities in development of IDNs
 - Analyzing challenges relating to IDN implementation issues and solutions
 - Assisting in policy discussions by using technical, political and linguistic expertise to enable informed policy decisions



IANA Repository

Recently Completed Changes:

- ✓ Allow for script based tables in addition to language based tables
- ✓ Added functionality to show method used to develop table
- ✓ Change of name to repository (was registry)

Coming Features:

- Table template update
- Search functionality

Open for comments or requests for additional features



IDN Guidelines Revision

- **IDN TLD Working Group**
 - ccNSO and gTLD Constituency membership
 - Monthly meetings through to Morocco
 - Created version 2.0, 2.1, and pending further revisions
 - Provide regular updates to the Presidents IDN Advisory Committee
- **Version 2.0**
 - Opened for script based implementation in addition language based.
 - Public comment period and broad global announcement
 - Posting of working group reasoning for amendments
 - ICANN Board endorsement on 8 November 2005
- **Version 2.1**
 - Included the provision that UseSTD3ASCIIRules
- **Future Versions**
 - Aims towards a BCP version under the IETF
 - Allowing for usage across all TLDs



Technical Test of Internationalized Top Level Labels

- NS-records - permit the insertion an internationalized label (in punycode) in the root zone:

<domain>.<tld> does not necessarily resolve to the same Internet address as <domain>.<idn-tld>

- DNAMES – as defined in RFC 2672 DNAMES is the equivalent mapping of one domain into another:

<domain>.<tld> resolves to the same Internet address as <domain>.<idn-tld>



Technical Test of Internationalized Top Level Labels

- **Project Timeline (posted)**
<http://icann.org/announcements/announcement-14mar06.htm>
- **Project Objectives (underway)**
 - Selection criteria and required commitment for applicants
 - Life time for test labels
 - Definition and certification of test labels restrictions
 - Legal considerations
 - Definition of IANA process for insertion of IDN TLDs
 - Test results display and evaluation



Wellington IDN Meetings

- GNSO Council
 - Informational session on technical test
 - Initial policy overview for requested issues report
- ccNSO GNSO jointly
 - Formation of shared working group
 - Three ccNSO members to join GNSO PDP
- ALAC
 - End-user and registrant focus
 - Issues related to countries with multiple scripts
- GNSO Constituencies
 - Registries, Registrars, Business Constituency
- ICANN Board w/GNSO
 - Status update and work forward
 - Review of initial policy overview

Morocco Workshop

- IDN Guidelines
 - First BCP draft ready to replace incremental 2.x
- Technical Test
 - Project plan ready for approval
 - Initiate implementation
 - Policy input to GNSO-ccNSO-GAC
- Policy Area
 - Issues report with full policy overview
 - Initiation of PDP for IDNs
 - Definition of IDN area in PDP for intro of new gTLDs
- Regional Focus



Thank You

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