



International Domain Name Committee

Proceedings Report

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ICANN IDN Activities Timeline

- **March 2001- Creation of ICANN Board IDN Working Group (Melbourne)**
- **June 2001- IDN Working Group Status Report (Stockholm)**
- **September 2001- IDN Working Group Final Report (Montevideo)**
- **September 2001- Creation of IDN Committee (Montevideo)**
- **June 2002- Final Proceeding Report of IDN Committee (Bucharest)**
- **June 2002- Extension of IDN Committee until Shanghai (Bucharest)**

Key Issues Considered before Bucharest

- **IDN.IDN Keywords**
- **Permissible Code Points**
- **Non ASCII TLDs**
- **Registrar Selection Process**
- **UDRP Review**

The Permissible Code Point Issue

- By 'permissible code point' issues, we refer to the problems that might arise from the use of certain non-ASCII characters included in the Unicode Standard within IDN domain name labels.
- At present, the DNS host name specifications limit permissible code points in domain name labels to a restricted subset of 7-bit ASCII.
- In addition to the characters of every language that could be identified and standardized by the Unicode Consortium, the Unicode Standard contains several sets of "characters" that do not, in fact, appear in any conventional human language.

The Permissible Code Point Issue (2)

- The IDN Committee has communicated a recommendation to the IETF that it should proceed conservatively, using an "inclusion-based" approach to the definition of "Internationalized Hostnames", so as to leave out – at least temporarily – the sets of potentially problematic characters, most notably:
 - line and symbol-drawing characters;
 - symbols and icons that are neither alphabetic nor ideographic language characters, such as typographical dingbats;
 - punctuation characters; and
 - spacing characters.
- These comments were submitted for IESG review

IETF (IESG) approval of Internet-Drafts, Oct. 24, 2002

- Internationalizing Domain Names In Applications (IDNA)
<draft-ietf-idn-idna-14.txt> as a Proposed Standard.
- Nameprep: A Stringprep Profile for Internationalized Domain Names
<draft-ietf-idn-nameprep-11.txt>
- Punycode: An encoding of Unicode for use with IDNA
<draft-ietf-idn-punycode-03.txt>

Issues for Further Consideration

- **Permissible Code Point Issue – e.g. CJK (Chinese-Japanese-Korean) issue -- Registration and Administrative Guidelines (?)**
- **Second-level IDNA Implementation – Need to slow down (?)**
- **Whether and when to proceed and adopt non-ASCII TLDs – Need to wait and see (?)**
- **Need dialogue and coordination among registries doing SLD/IDN implementation?**
- **User Interface Issues (?)**

Recommendations

- **Public Awareness and Education**
- **Continue ICANN IDN Committee – (1) to serve as a general coordination body for the work on policy issues, and (2) to advise the Board as needed in the area of IDN**