IDN discussions in ccNSO

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Brief History of ccTLD IDN discussion

- Discussion on IDNs as SLD, 3LD, ...
  - 2000~
    - Sharing the basics
    - Sharing experiences
    - Sharing issues

- Discussion on IDNs as TLD
  - June 2006 (Marrakech)
    - Sharing the content of gNSO issue reports on IDN TLDs
  - October 2006
    - Creation of IDN-WG
  - December 2006 (Sao Paulo)
    - Discussion on issues from ccTLD perspective in ccNSO
    - IDN-WG Chair appointed Dr. Liang from TWNIC
Discussion in Sao Paulo

Discussion was made to understand/define the issues. No result or consensus has been built.

• ccNSO members meeting discussed about IDN TLDs
  – Sharing the current status for IDN TLD
    • Technical tests
    • IETF protocol revision
  – Policy related items to consider
    • Same aspects and distinctions between ccTLD and gTLD?
    • What is an internationalized ccTLD?
    • GAC plays a role in defining IDN ccTLD string?
    • Language community (and/or language script sharing community) plays a role in defining and/or operating IDN TLD?
    • 1 IDN TLD per 1 TLD in the first round?
IDN ccTLD string definition

• What string?
  – Mapping to RFC1591 (which refers to ISO3166)?
    • Maybe yes
  – In what script?
    • Official language?
      – Some countries even have no definition of official languages
      – Daily-used language is not an official language in some countries
    • Script-X version of ccTLD-Y for Script-X community in the country?
    • All combinations of [script] x [cc]?
  – How many characters?
    • Just 2 characters? Maybe no
    • Fully-spelled official country name?
      Maybe not applicable to all cc
  – Avoiding similar looking string to other TLDs (cc+g)?
    • If yes, in what mechanism?
IDN ccTLD string definition

• By whom?
  – Language community (who use certain script)
    • Definable?
  – Other entities such as GAC/UN
    • ISO may not be the option (because they once declined?)
  – Existing ccTLD by itself
    • Can a country having script-X community run script-X version
      of other-country’s ccTLD?

• Background issues
  – Definition of ccTLD
    • No clear definition
    • RFC1591 (which refers to ISO3166)
IDN ccTLD manager

- **Who?**
  - Existing ccTLD manager of the ASCII cc?
  - If not existing ccTLD manager
    - Who decides?
    - Relationship to the existing ASCII cc space?
      - Independent?
      - Some mapping?
How we proceed

• Communication with GAC
  – In defining IDN ccTLD string
    • Mainly for the definition per se
    • May need time to decide country-name, script, representation, ..
  – Joint Working Group?

• Communication with gNSO
  – In defining IDN ccTLD string
    • Mainly for consistency with gTLDs
  – Joint Working Group

• Communication with others
  :

• Inside ccNSO
  – Define the issues ==> discussion paper
  – Meet with other entities in Lisbon