IDN discussions in ccNSO

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@ Sao Paulo ICANN meeting
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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