Impact Transition on Delegation, Revocation & Transfer ccTLDs

At-large Capacity Building webinar

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Topics

- Context & Introduction
- Basics
- Delegation of Management of ccTLD
- Revocation, Transfer of Management of a ccTLD
- Retirement of a ccTLD
- Impact Transition
- References

Context & Introduction

- First ccTLDs delegated in mid- 1980s
  - Most ccTLD delegated before creation of ICANN! (1998)
- Delegation, Revocation, Transfer and Retirement Processes
  - Redelegation of management of a ccTLD is obsolete terminology
  - Replaced by transfer (consented redelegation) and revocation (unconsented redelegation)
- ccNSO responsible for developing policy, no role in execution in policy
- IANA Function Operator responsible for executing of policy
  - IANA Function Operator
    - Currently: ICANN
      - IANA Function Contract
    - Post Transition: PTI

Context & Introduction
Diversity of ccTLD managers community

- ccTLD community
  - Approx 250 ccTLDs
  - 30 + IDN ccTLDs
  - 198 countries & 50+ territories
- ccTLDs community diversity
  - Governance models
  - Size & business models
  - Registration policies
- ccTLDs members and non-members of ccNSO
  - 158 ccTLDs member of the ccNSO -> almost 100 ccTLDs not member of the ccNSO

Basics
Documentation around policies and preactices

- Basic policy document RFC 1591 (1994)
  - Additional documents:
    - Framework of Interpretation: provide colour and depth to RFC 1591.
    - GAC Principles delegation and redelegation ccTLDs 2005

- IANA Functions contract 2012

- IANA User Instructions and Guides

- IANA Reports on delegation & transfer of management of ccTLDs

Basics
Core Concept

- IANA is not in the business to determine what is and what is not a country!
  - ISO 3166 has a process to assign two letter codes
  - Reference to ISO 3166-1 two letter code: assigned 2 letter codes to name of country
  - ISO 3166 standard used for multiple purposes!
  - ISO 3166 -1 list is dynamic: countries/territories come and go!
    - Example NA (Netherlands Antilles)
- ccTLDs Local Governance
  - Local law
  - Significantly Interested parties (formerly know as Local Internet Community)
    - Defined as: a. local authority (government) and other stakeholders with a direct, material, and demonstrable interest in the operation of the ccTLD (includes the incumbent ccTLD manager)
  - If disagreement locally, it should be resolved locally (in country or territory)
- ccTLD local administration
  - Local rules and policy for registration under ccTLD: local affair
  - Duty of the ccTLD manager to serve the local community and preserve security and stability of the ccTLD and work with IANA Function Operator to preserve global security and stability

Basics
IANA Functions Contract

- Delegation, Revocation & Transfer of ccTLDs included in IANA Function Operator
- Service Levels applicable
- Role definition in delegation, revocation & Transfer processes
  - IANA Function Operator
  - NTIA (Authorization)

- Some specific clauses with respect to delegation, revocation & transfer of ccTLDs
  - Use of existing policies
  - Performance exclusions
    - IANA Function Operator not allowed to make material changes to policy framework
    - no agreement, contract etc as requirement to receive IANA function services

Delegation of management of a ccTLD

- Delegation definition: process by which IANA Function Operator assigns management responsibilities fro the management of a ccTLD
- Current process
  - Prerequisite: Relevant entry (assigned code) in ISO 3166 – 1, 2 letter code list
  - Delegation request + relevant documentation
    - Support Significantly Interested Parties
    - Other required documentation
  - Processing by IANA Functions Operator
  - Board check and authorization
  - NTIA Authorization of changes to root zone
  - Root zone change management process

- Post Transition: No more role NTIA in Authrorization
- Need for Review Mechanism, NOT included in Proposals to be developed by ccNSO
- Need for comparable clauses on Service delivery in PTI contract/bylaws
  - Policy framework
  - Service levels
  - No performance exclusions

Revocation, Transfer of Management of a ccTLD

- Current process
  - Revocation and Transfer request new ccTLD manager+ relevant documentation
    - Support Significantly Interested Parties
    - Other required documentation
  - Informed Consent Incumbent ccTLD manager
  - Processing by IANA Functions Operator
  - ICANN Board check and authorization
  - NTIA Authorization of changes to root zone
  - Root zone change management process

- Post Transition: No more role NTIA in authorizing changes
- Need for review Mechanism, NOT included in Proposals to be developed by ccNSO
- Need for comparable clauses on Service delivery in PTI contract/bylaws
  - Policy framework
  - Service levels
  - No performance exclusions

Retirement of a ccTLD

- ISO 3166 -1 list dynamic
  - Countries come and go: reflects Geopolitical dynamics
    - Example 1: NA (Netherlands Antilles) restructuring of Kingdom of Netherlands 2010
      - .NA retired in 2015
      - ISO 3166-1 : From assigned-> transitionally reserved
    - Example 2: CS (Czechoslovakia and Serbia and Montenegro) from assigned -> formally used -> assigned -> transitionally reserved (following break-up of Czechoslovakia and Serbia& Montenegro)

- Currently NO Policy, however practice evolved over time
  - Documented in IANA reports
  - Final report ccNSO Delegation and redelegation WG (2011)

Impact Transition on delegation, revocation, transfer and RETIREMENT of ccTLDs

- Implementation of Framework of Interpretation (ongoing)
- Urgent Need for additional policies (PDP to be launched by Helsinki)
  - Review Mechanism for decision pertaining to the delegation, revocation& tranfer, and retirement of ccTLDs
  - Retirement of ccTLDs

- Need for clarity around PTI and its performance
  - SOW in general and SLE & Monitoring (CSC)
  - Inclusion current safeguards around performance exclusions

References

- RFC 1591
  - http://www.iana.org/go/rfc1591
- Framework of Interpretation
  - http://ccnso.icann.org/workinggroups/foi-final-07oct14-en.pdf
- IANA User Instructions and Guide
  - http://www.iana.org/help/cctld-delegation
- ISO 3166
  - http://www.iso.org/iso/country_codes
- GAC Principles 2005
  - https://gacweb.icann.org/download/attachments/28278844/ccTLD_Principles_0.pdf?version=1&modificationDate=1312385141000&api=v2
- DRD WG Final Report
  - http://ccnso.icann.org/workinggroups/drd-wg-final-report-07mar11-en.pdf