Quick IANA Update for CENTR
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Documenting IANA processes

- Since Malta meeting, Technical Requirements document published.
- Root zone procedure documentation almost finished, aim to publish in time for new IDN ccTLD process
- Working on improving delegation requirements documentation for consideration by the ccNSO Delegation Working Group
Workflow automation

- Final “parallel testing” phase commenced week of ICANN Sydney
- Flaw was identified affecting minority of change requests, but had serious consequences.
- Fundamental issue where EPP-model doesn’t map well to RZM-model.
  - EPP assumes atomic changes that are performed serially.
  - Root Zone process mandates parallel changes which are interdependent.
None of this is customer visible — all relates to how the IANA/VeriSign/NTIA interactions occur.

Problem is being remedied through both code changes, and modifications to the RZM authorisation process.

During retooling, also implementing new workflow features requested by NTIA, as well as the DNSSEC signing infrastructure for...
Signing the root zone

- Root zone signing by end of the year
- Begins with a public testing phase
- Key handling interactions will be modelled on current root zone management process
  - Template-based Change request form submitted to IANA
  - Therefore, somewhat deviated from ITAR practice
    - No pre-listing, two separate interactions on listing and delisting, etc.
Interim trust anchor repository

- Continues to run
- Gaining operational experience from how TLD operators use it
  - TLD anchors expiring without providing their replacements
  - TLDs not using the KSK/ZSK model
  - TLDs continuing to use their anchor after effectivity period
  - TLDs who repeatedly enter wrong data
- Will have no direct link to signed root zone, stays independent.
IDN ccTLDs

- Proposed implementation plan for ICANN Board consideration in Seoul
- Upon approval, ICANN will implement
- Two phase process
  - Phase 1: After implementation, eligible applicants can apply to ICANN for string selection (i.e. can I use “ελ” to represent “Greece”?)
  - Phase 2: If approved by phase 2, eligible applicants can apply to IANA for delegation (i.e. can “.ελ” be delegated to a specific organisation and be inserted in the root zone?)
Root scaling

- new ccTLDs + new gTLDs + DNSSEC + IPv6 + .... = a larger root

- OARC scaling study

- Interisle scaling study

- TNO scaling study (released today)
Thanks!