IANA Update for the ccNSO
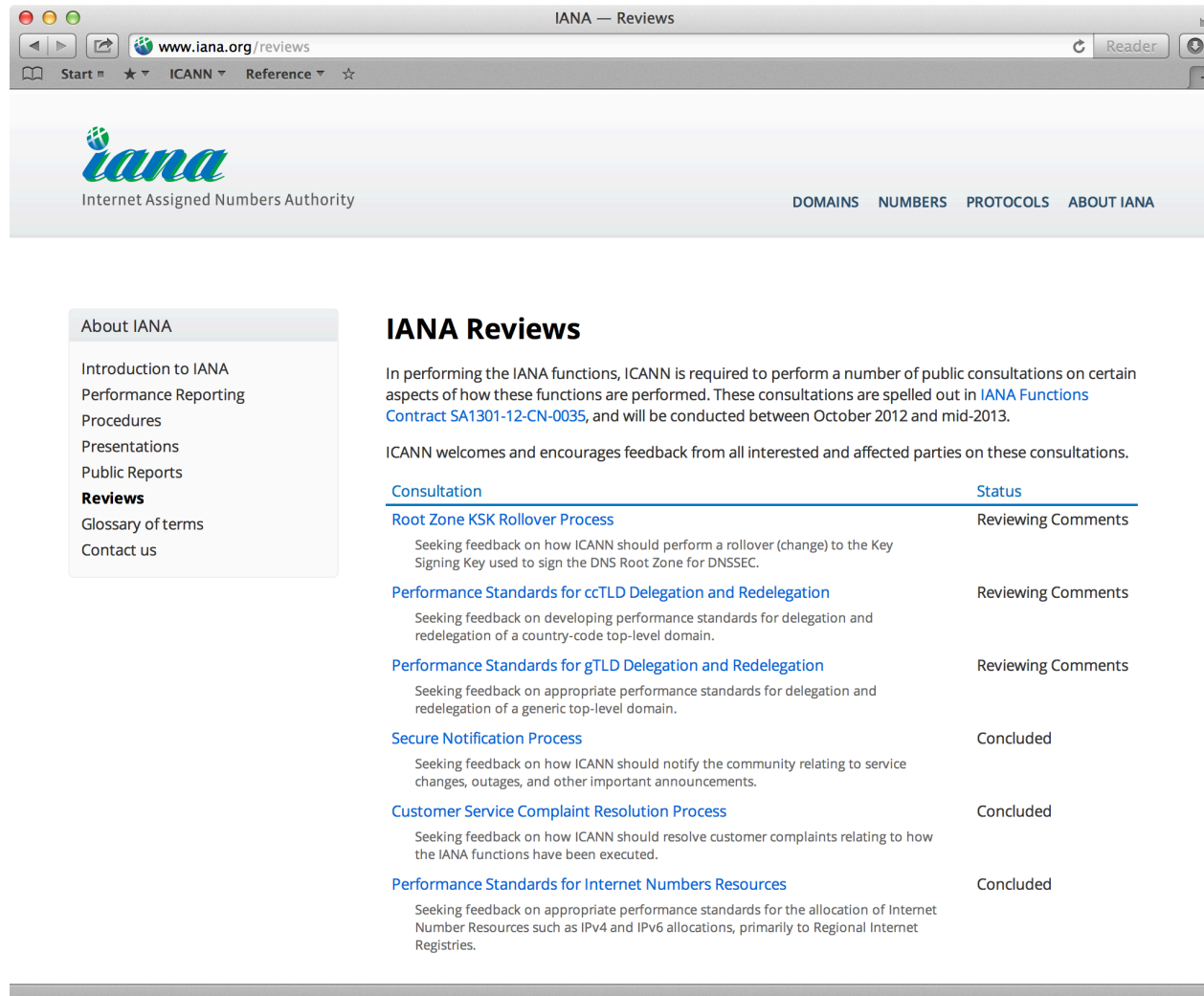
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IANA Reviews

+We're performing a number of reviews as part of the first year of the current IANA contract

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Recent reviews

http://www.iana.org/reviews

Identified improvements so far

- Service notices (mailing list, web, RSS)

- Increase awareness of complaint resolutions process (formerly "escalation"), including informing each requestor for each request

- Report on number of complaints

- Improved reporting on IP allocations

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Upcoming Consultations

+ User Documentation on various IANA functions

+ Sources of policies and procedures

+ Dashboards

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What we want from you

We request your input during the upcoming consultations

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New gTLD Readiness

+ IANA Delegation Process the last step in the new gTLD process to make a new gTLD "live"

+ Department has focused on streamlining the process:

    + Improvements to automation system catered specifically to new gTLD process

    + Move from narrative approach fordelegation reports to checklist approach based on AGB evaluation factors and IANA contract language

    + Additional staff

Automation improvements

+ Delegate new gTLD workflow supported in our RZM system

+ Smooth hand off from TAS to RZM system, using a "delegation token" given to successful applicants

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Delegate a New Generic Top-Level Domain

Delegation of a new generic top-level domain (gTLD) is the process of delegating operational responsibility for managing the domain's entry in the DNS root zone to a new entity, plus adding the necessary records to the DNS root zone to make the top-level domain functional on the Internet. This process is conducted after an applicant successfully completes the "New gTLD Application Process" managed by ICANN.

Following successful completion of the New gTLD Application Process, applicants are provided with a "Delegation Token". If you have received this token and are ready to commence the delegation process, provide it here.

Checklist approach

+ New gTLD evaluators will complete checklist confirming the application meets the various AGB requirements and IANA contractual requirements

+ IANA will augment this with its review of standard IANA root processing factors (name server tests, contact confirmations, etc.)

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Staffing

+ One additional root zone management staff on board (now 3)

+ Minimised amount of effort needed per-application to process requests due to automation and checklist approach

+ Staffing flexibility to reassign other department staff to new gTLD processing if needed

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Net takeaway

+ IANA processing of new gTLD delegations much more akin to a "routine" root change request, rather than a redelegation

+ Unlike ccTLDs, the substantive review for gTLDs happens before IANA process is invoked.

+ Processing times for our existing customers will not be affected.

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3 years of DNSSEC at the root

+ Root Zone first published as signed on 15 July 2010

+ 385 DS record changes processed by IANA

+ Approximately 33% of TLDs are signed today

+ All new gTLDs must be signed, so this will grow significantly

+ 8% of DNS lookups validate DNSSEC (Up 3% from March, Google implemented it recently)

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Thank You & Questions?