

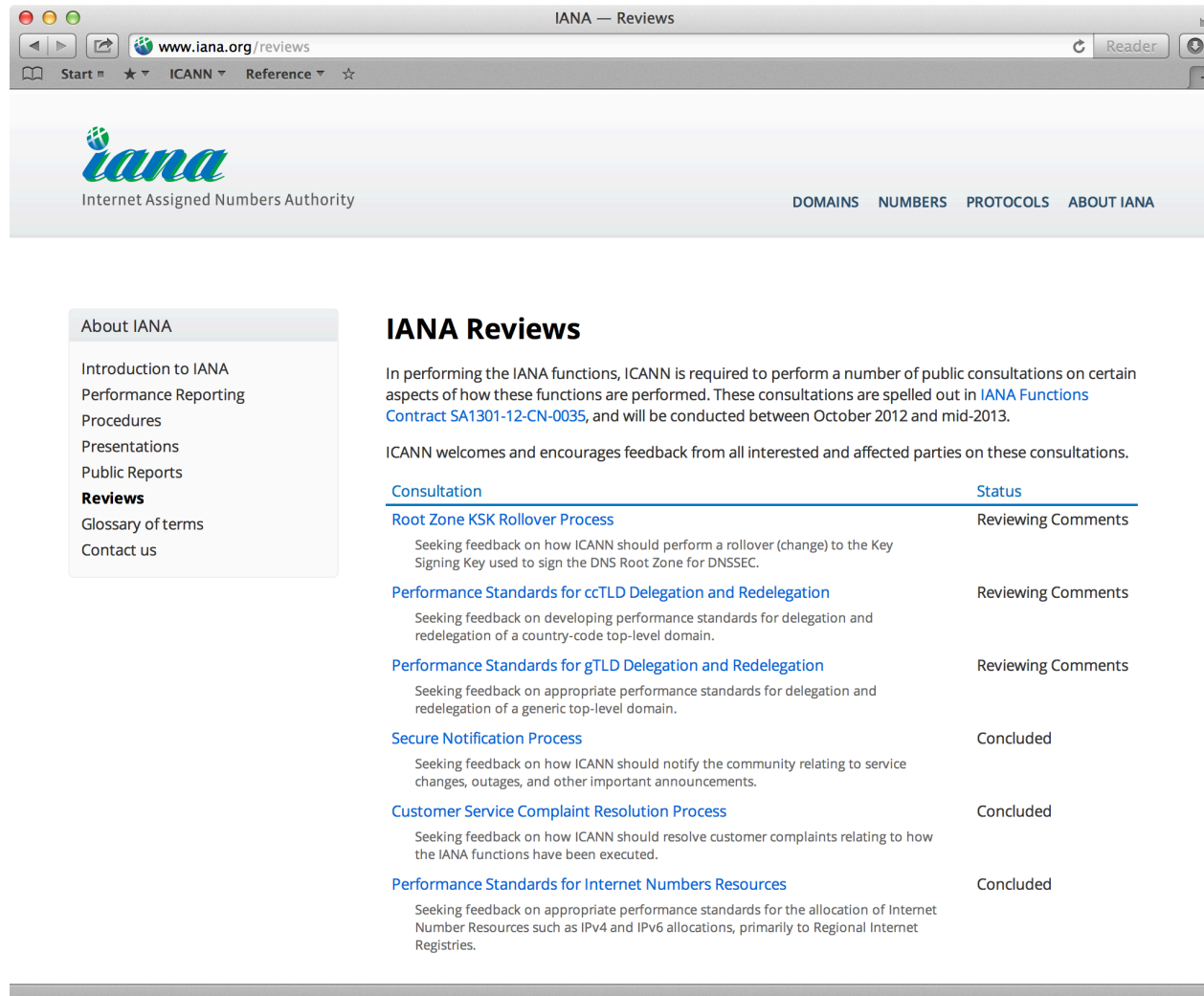
IANA Update for the ccNSO



IANA Reviews

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

Recent reviews



The screenshot shows a web browser window with the URL www.iana.org/reviews. The page header includes the IANA logo and navigation links for DOMAINS, NUMBERS, PROTOCOLS, and ABOUT IANA. A sidebar on the left contains a menu with 'About IANA' and 'Reviews' sections. The main content area is titled 'IANA Reviews' and contains a table of reviews.

Consultation	Status
Root Zone KSK Rollover Process Seeking feedback on how ICANN should perform a rollover (change) to the Key Signing Key used to sign the DNS Root Zone for DNSSEC.	Reviewing Comments
Performance Standards for ccTLD Delegation and Redelegation Seeking feedback on developing performance standards for delegation and redelegation of a country-code top-level domain.	Reviewing Comments
Performance Standards for gTLD Delegation and Redelegation Seeking feedback on appropriate performance standards for delegation and redelegation of a generic top-level domain.	Reviewing Comments
Secure Notification Process Seeking feedback on how ICANN should notify the community relating to service changes, outages, and other important announcements.	Concluded
Customer Service Complaint Resolution Process Seeking feedback on how ICANN should resolve customer complaints relating to how the IANA functions have been executed.	Concluded
Performance Standards for Internet Numbers Resources Seeking feedback on appropriate performance standards for the allocation of Internet Number Resources such as IPv4 and IPv6 allocations, primarily to Regional Internet Registries.	Concluded

<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

Upcoming Consultations

- + User Documentation on various IANA functions
- + Sources of policies and procedures
- + Dashboards

What we want from you

We request your
input during the
upcoming
consultations




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 for delegation 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

IANA — Delegate a New Generic Top-Level Domain


Internet Assigned Numbers Authority

Root Zone Management


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.

New gTLD

Delegation Token



The screenshot shows the 'newgTLDs.icann.org' website. It features a 'TAS' logo and a 'NewgTLDs' header. Below the header, there is a form with a red box highlighting the 'XXXX-XXXX-XXXX' token value. A large grey arrow points from this token value to the 'Delegation Token' input field in the main form below.

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.)

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

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.

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)

Thank You &
Questions?

