IANA Activities Update
AFRINIC 20
Djibouti, DJ

Elise Gerich
June 2014

ICANN

Overview

+ **Audit success**

+ **Performance**

+ **Growth in number of TLDs**

+ **Consultation about TCRs**

+ **Global Policy Implementation**

+ **Contribute to Process for Proposal**

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Audit success

+ **Successfully completed first SysTrust audit ("SOC2") of our IANA Registry Management Systems**

+ **Successfully completed fourth SysTrust audit ("SOC3") of our DNSSEC key management**

+ **External auditor – Price Waterhouse Cooper**

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Reporting on Performance

IANA seeks to provide an excellent, reliable and performant service of its various registration roles. To achieve this, IANA regularly reviews its procedures and liaises with its user communities to optimise performance.

More formally, the IANA Service Level Targets are defined in part by the contract for IANA performance with the US Department of Commerce, as well as in the Memorandum of Understanding with the IETF.

Report	Description
IETF Statistics Report	Documentation of the performance of the protocol assignments roles performed by ICANN for the IETF community. (Monthly)
Performance Standards Metric Report	A report of performance standard metrics for discrete IANA functions. (Monthly)
Internet Draft Processing Status	Information on pending Internet Draft actions being evaluated by IANA staff. (Daily)
Root Zone Audit Data	A report of all root zone related changes transacted. (Monthly)
Root Processing Times	Snapshots of average processing times for root zone related changes. (Monthly)

Other reporting

IANA contributes regular statistics to the company-wide ICANN Dashboard.

http://www.iana.org/performance

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Performance Standards Report

Our performance portal gives detailed performance information for IANA activities

C.4.4 Performance Standards Report

This report is produced in accordance with Section C.4.4 of Contract Number SA130112CN0035 for ICANN's performance of the Internet Assigned Numbers Authority functions. This report is for the reporting period of February 1, 2014 - February 28, 2014.

Reporting Period

From:	1 February 2014
To:	28 February 2014

Summary

C.2.9.1 — Assignment of Technical Protocol Parameters
C.2.9.2.a,b — Root Zone and WHOIS Change Requests
    Timeliness .... Target met
    Accuracy .... Target met
C.2.9.2.c — ccTLD Delegation and Redelegation
    Timeliness .... Target met
    Accuracy .... Target met
C.2.9.2.d — gTLD Delegation and Redelegation
    Timeliness (end-to-end) .... Target met
    Timeliness (new gTLD processing) .... Target met
    Accuracy .... Target met
C.2.9.3 — Allocation of Internet Numbering Resources
    Accuracy (1) .... Target met
    Accuracy (2) .... Target met
    Timeliness and Process Quality (1) .... Target met
    Timeliness and Process Quality (2) .... Target met
    Transparency (1) .... Target met
    Transparency (2) .... Target met

http://www.iana.org/performance

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Monthly Root Zone Audit Data Report (Sample)

Our performance portal gives detailed performance information for every change made in the root DNS zone

Review of changes implemented for accuracy

TLD	Change Details	Final status (Reason for non-completion if applicable)	Date of Implementation or Closure
hr	Remove name server NS5.UNIVIE.AC.AT	Completed	2014-04-01
consulting	Multiple changes affecting Administrative Contact, Technical Contact, Domain Metadata, Sponsoring Organisation, Nameserver Records, DS Records	Completed	2014-04-01
None	Add IPv6 address to C.ROOT-SERVERS.NET	Completed	2014-04-02
saarland	Multiple changes affecting Administrative Contact, Technical Contact, Domain Metadata, Sponsoring Organisation, Nameserver Records, DS Records	Completed	2014-04-02
rest	Multiple changes affecting Administrative Contact, Technical Contact, Domain Metadata, Sponsoring Organisation, Nameserver Records, DS Records	Completed	2014-04-02

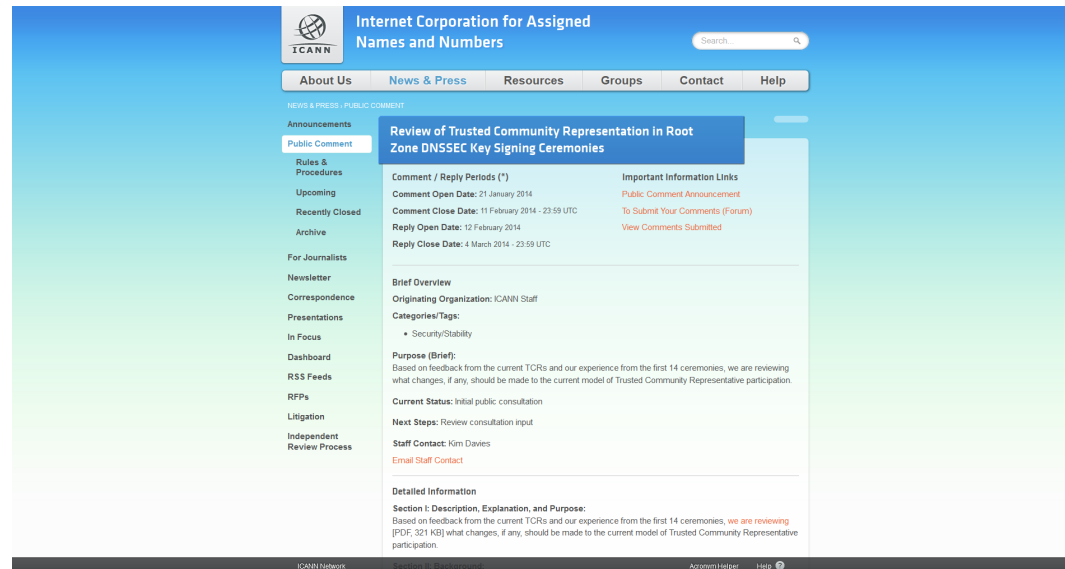http://www.iana.org/performance

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Delegated new gTLDs

+ 280+ new gTLDs delegated so far

+ Approximately 15 new gTLDs request delegation each week

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Review of Trusted Community Representation in Root Zone DNSSEC Key Signing Ceremonies

TCRs are volunteers who oversee ICANN's management of the root DNS KSK

This consultation covered several topics related to the current TCR model including:

- **Term limits**

- **Delete replace retiring TCRs**

- **Compensation**

Global Policy Implementation

Allocations made from the Current Recovered IPv4 Pool

Registration Procedure(s)
Global Policy for Post Exhaustion IPv4 Allocation Mechanisms by the IANA (Ratified 6 May 2012)
Available Formats

CSV

Start address	End address	Designation	Date	Whois	Status	Note
43.224.0.0	43.231.255.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	
43.236.0.0	43.243.255.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	
43.245.0.0	43.252.255.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	
43.254.0.0	43.255.255.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	
45.32.0.0	45.63.255.255	ARIN	2014-05	whois.arin.net	ALLOCATED	
45.64.0.0	45.65.15.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	
45.128.0.0	45.159.255.255	RIPE NCC	2014-05	whois.ripe.net	ALLOCATED	
45.160.0.0	45.191.255.255	LACNIC	2014-05	whois.lacnic.net	ALLOCATED	
45.192.0.0	45.222.255.255	AFRINIC	2014-05	whois.afrinic.net	ALLOCATED	
150.107.0.0	150.107.255.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	
150.129.0.0	150.129.255.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	
150.242.0.0	150.242.255.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	
154.16.0.0	154.16.255.255	AFRINIC	2014-05	whois.afrinic.net	ALLOCATED	
163.47.4.0	163.47.18.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	
163.47.20.0	163.47.21.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	
163.47.32.0	163.47.45.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	
163.47.47.0	163.47.255.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	
163.53.0.0	163.53.255.255	APNIC	2014-05	whois.apnic.net	ALLOCATED	

+ LACNIC reached it's last /9 in May, which triggered the first allocation from the recovered IPv4 pool

+ Each RIR received a /11

+ Next allocation will happen in September

+ IPv4 recovered address space: http://www.iana.org/assignments/ipv4-recovered-address-space/ipv4-recovered-address-space.xhtml

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The U.S. government's announcement

+ On 14 March 2014, the U.S. Government (USG) announced its intent to transition its stewardship of the IANA functions to the global multistakeholder community;

+ As the first step, it asked ICANN to convene global stakeholders to develop a proposal to transition the current role played by the USG;

+ ICANN was asked to serve as a convener based on its role as the IANA functions administrator (since 1998) and the global coordinator for the Internet's Domain Name System (DNS).

+ The multistakeholder community has set the policies implemented by ICANN for more than 15 years.

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How can you get involved?

+ Visit ICANN.org

  + get the latest resources on the topic;

  + participate in the events listed in the timeline;

  + follow us on our social channels.

+ Mailing list

  + join to contribute and/or follow the discussion
    ianatransition@icann.org

  + access the public archives
    http://mm.icann.org/pipermail/ianatransition/

Thank You & Questions?