

IANA Department Activities, RIPE 66, Dublin, Ireland May 2013

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IANA Functions Contract

- + Awarded to ICANN in June 2012
- + Began in October 2012
- + 3 year contract
- + 2 possible 2-year extensions

Completed Consultations

About IANA

Introduction to IANA

Performance Reporting

Procedures

Presentations

Public Reports

Reviews

Glossary of terms

Contact us

Consultation	Status
Customer Service Complaint Resolution Process Seeking feedback on how ICANN should resolve customer complaints relating to how the IANA functions have been executed.	Reviewing Comments
Performance Standards for ccTLD Delegation and Redelelegation Seeking feedback on developing performance standards for delegation and redelegation of a country-code top-level domain.	Reply period until 21 Mar 2013 Lodge Comment ▶
Performance Standards for gTLD Delegation and Redelelegation Seeking feedback on appropriate performance standards for delegation and redelegation of a generic top-level domain.	Reply period until 21 Mar 2013 Lodge Comment ▶
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.	Reviewing Comments
Secure Notification Process Seeking feedback on how ICANN should notify the community relating to service changes, outages, and other important announcements.	Reply Period until 21 Mar 2013 Lodge Comment ▶

Customer Service Complaint Resolution Process

- + Should the process developed with the IANA functions users in 2006 be replaced with a new process?
- + 5 comments received
- + Key input includes
 - + Process is available to customers
 - + Raising awareness of the process
 - + Using the process to resolve complaints collaboratively
 - + Reporting on use of the process

Performance Standards for Internet Number Resources

- + Are there other KPIs that might be good measures of successful performance of the IPv4, IPv6 and AS number allocation services?
- + 3 comments received
- + Key input includes
 - + Clarifying definitions
 - + Introducing a KPI for policy implementation schedules
 - + Publishing performance data in computer-friendly formats as well as human-readable formats

Secure Notification Process

- + Are the methods and mechanisms used today by ICANN satisfactory for secure communications of outages, planned maintenance, and new developments relating to the IANA functions?
- + 2 comments received
- + Key input includes
 - + 1 commercial proposal
 - + A statement of satisfaction with ICANN's proposals

Root Zone KSK Rollover



Internet Corporation for
Assigned Names and Numbers

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Review Process](#)

Consultation on Root Zone KSK Rollover

Comment / Reply Periods (*)

Comment Open Date: 8 March 2013

Comment Close Date: 12 April 2013 - 23:59 UTC

Reply Open Date: 26 April 2013

Reply Close Date: 31 May 2013 - 23:59 UTC

Important Information Links

[Public Comment Announcement](#)

[To Submit Your Comments \(Forum\)](#)

[View Comments Submitted](#)

Brief Overview

Originating Organization: IANA Department

Categories/Tags:

- Reviews/Improvements
- Security/Stability

Purpose (Brief):

The Internet Assigned Numbers Authority (IANA) Functions contract (SA1301-12-CN-0035) between ICANN and the United States Department of Commerce, National Telecommunications Information Administration (NTIA) to perform services related to certain interdependent Internet technical management functions calls for a public consultation from all interested and affected parties to help satisfy the following objective:

C.2.9.2.f Root Domain Name System Security Extensions (DNSSEC) Key

Management –The Contractor shall be responsible for the management of the root zone Key Signing Key (KSK), including generation, publication, and use for signing the Root Keyset. As delineated in the Requirements at Appendix 2 entitled Baseline Requirements for DNSSEC in the Authoritative Root Zone that is incorporated by reference herein as if fully

set forth. The Contractor shall work collaboratively with NTIA and the Root Zone Maintainer

ICANN Network

[Acronym Helper](#) [Help](#)



Policy Implementation IPv4 Recovery Pool

IPv4 Recovered Address Space

Last Updated:

2012-04-01

This registry is also available in [public.html](#)

Registries included below:

- [Current Recovered IPv4 Pool](#)
- [Allocations made from the Current Recovered IPv4 Pool](#)

Current Recovered IPv4 Pool

Registration Procedures(s):

(Initial Policy for Post-Transition IPv4 Allocation mechanisms by the IANA (modified 4 May 2012))

Start address	End address	Recovery by	Date recovered	Status
43.224.0.0	43.231.255.255	APNIC	2012-08	RECOVERED
43.236.0.0	43.239.255.255	APNIC	2012-08	RECOVERED
43.240.0.0	43.243.255.255	APNIC	2012-08	RECOVERED
43.245.0.0	43.248.255.255	APNIC	2012-08	RECOVERED
43.249.0.0	43.257.255.255	APNIC	2012-08	RECOVERED
43.258.0.0	43.265.255.255	APNIC	2012-08	RECOVERED
43.266.0.0	43.273.255.255	APNIC	2012-08	RECOVERED
43.274.0.0	43.281.255.255	APNIC	2012-08	RECOVERED
43.282.0.0	43.289.255.255	APNIC	2012-08	RECOVERED
43.290.0.0	43.297.255.255	APNIC	2012-08	RECOVERED
43.298.0.0	43.305.255.255	APNIC	2012-08	RECOVERED
43.306.0.0	43.313.255.255	APNIC	2012-08	RECOVERED
43.314.0.0	43.321.255.255	APNIC	2012-08	RECOVERED
43.322.0.0	43.329.255.255	APNIC	2012-08	RECOVERED
43.330.0.0	43.337.255.255	APNIC	2012-08	RECOVERED
43.338.0.0	43.345.255.255	APNIC	2012-08	RECOVERED
43.346.0.0	43.353.255.255	APNIC	2012-08	RECOVERED
43.354.0.0	43.361.255.255	APNIC	2012-08	RECOVERED
43.362.0.0	43.369.255.255	APNIC	2012-08	RECOVERED
43.370.0.0	43.377.255.255	APNIC	2012-08	RECOVERED
43.378.0.0	43.385.255.255	APNIC	2012-08	RECOVERED
43.386.0.0	43.393.255.255	APNIC	2012-08	RECOVERED
43.394.0.0	43.401.255.255	APNIC	2012-08	RECOVERED
43.402.0.0	43.409.255.255	APNIC	2012-08	RECOVERED
43.410.0.0	43.417.255.255	APNIC	2012-08	RECOVERED
43.418.0.0	43.425.255.255	APNIC	2012-08	RECOVERED
43.426.0.0	43.433.255.255	APNIC	2012-08	RECOVERED
43.434.0.0	43.441.255.255	APNIC	2012-08	RECOVERED
43.442.0.0	43.449.255.255	APNIC	2012-08	RECOVERED
43.450.0.0	43.457.255.255	APNIC	2012-08	RECOVERED
43.458.0.0	43.465.255.255	APNIC	2012-08	RECOVERED
43.466.0.0	43.473.255.255	APNIC	2012-08	RECOVERED
43.474.0.0	43.481.255.255	APNIC	2012-08	RECOVERED
43.482.0.0	43.489.255.255	APNIC	2012-08	RECOVERED
43.490.0.0	43.497.255.255	APNIC	2012-08	RECOVERED
43.498.0.0	43.505.255.255	APNIC	2012-08	RECOVERED
43.506.0.0	43.513.255.255	APNIC	2012-08	RECOVERED
43.514.0.0	43.521.255.255	APNIC	2012-08	RECOVERED
43.522.0.0	43.529.255.255	APNIC	2012-08	RECOVERED
43.530.0.0	43.537.255.255	APNIC	2012-08	RECOVERED
43.538.0.0	43.545.255.255	APNIC	2012-08	RECOVERED
43.546.0.0	43.553.255.255	APNIC	2012-08	RECOVERED
43.554.0.0	43.561.255.255	APNIC	2012-08	RECOVERED
43.562.0.0	43.569.255.255	APNIC	2012-08	RECOVERED
43.570.0.0	43.577.255.255	APNIC	2012-08	RECOVERED
43.578.0.0	43.585.255.255	APNIC	2012-08	RECOVERED
43.586.0.0	43.593.255.255	APNIC	2012-08	RECOVERED
43.594.0.0	43.601.255.255	APNIC	2012-08	RECOVERED
43.602.0.0	43.609.255.255	APNIC	2012-08	RECOVERED
43.610.0.0	43.617.255.255	APNIC	2012-08	RECOVERED
43.618.0.0	43.625.255.255	APNIC	2012-08	RECOVERED
43.626.0.0	43.633.255.255	APNIC	2012-08	RECOVERED
43.634.0.0	43.641.255.255	APNIC	2012-08	RECOVERED
43.642.0.0	43.649.255.255	APNIC	2012-08	RECOVERED
43.650.0.0	43.657.255.255	APNIC	2012-08	RECOVERED
43.658.0.0	43.665.255.255	APNIC	2012-08	RECOVERED
43.666.0.0	43.673.255.255	APNIC	2012-08	RECOVERED
43.674.0.0	43.681.255.255	APNIC	2012-08	RECOVERED
43.682.0.0	43.689.255.255	APNIC	2012-08	RECOVERED
43.690.0.0	43.697.255.255	APNIC	2012-08	RECOVERED
43.698.0.0	43.705.255.255	APNIC	2012-08	RECOVERED
43.706.0.0	43.713.255.255	APNIC	2012-08	RECOVERED
43.714.0.0	43.721.255.255	APNIC	2012-08	RECOVERED
43.722.0.0	43.729.255.255	APNIC	2012-08	RECOVERED
43.730.0.0	43.737.255.255	APNIC	2012-08	RECOVERED
43.738.0.0	43.745.255.255	APNIC	2012-08	RECOVERED
43.746.0.0	43.753.255.255	APNIC	2012-08	RECOVERED
43.754.0.0	43.761.255.255	APNIC	2012-08	RECOVERED
43.762.0.0	43.769.255.255	APNIC	2012-08	RECOVERED
43.770.0.0	43.777.255.255	APNIC	2012-08	RECOVERED
43.778.0.0	43.785.255.255	APNIC	2012-08	RECOVERED
43.786.0.0	43.793.255.255	APNIC	2012-08	RECOVERED
43.794.0.0	43.801.255.255	APNIC	2012-08	RECOVERED
43.802.0.0	43.809.255.255	APNIC	2012-08	RECOVERED
43.810.0.0	43.817.255.255	APNIC	2012-08	RECOVERED
43.818.0.0	43.825.255.255	APNIC	2012-08	RECOVERED
43.826.0.0	43.833.255.255	APNIC	2012-08	RECOVERED
43.834.0.0	43.841.255.255	APNIC	2012-08	RECOVERED
43.842.0.0	43.849.255.255	APNIC	2012-08	RECOVERED
43.850.0.0	43.857.255.255	APNIC	2012-08	RECOVERED
43.858.0.0	43.865.255.255	APNIC	2012-08	RECOVERED
43.866.0.0	43.873.255.255	APNIC	2012-08	RECOVERED
43.874.0.0	43.881.255.255	APNIC	2012-08	RECOVERED
43.882.0.0	43.889.255.255	APNIC	2012-08	RECOVERED
43.890.0.0	43.897.255.255	APNIC	2012-08	RECOVERED
43.898.0.0	43.905.255.255	APNIC	2012-08	RECOVERED
43.906.0.0	43.913.255.255	APNIC	2012-08	RECOVERED
43.914.0.0	43.921.255.255	APNIC	2012-08	RECOVERED
43.922.0.0	43.929.255.255	APNIC	2012-08	RECOVERED
43.930.0.0	43.937.255.255	APNIC	2012-08	RECOVERED
43.938.0.0	43.945.255.255	APNIC	2012-08	RECOVERED
43.946.0.0	43.953.255.255	APNIC	2012-08	RECOVERED
43.954.0.0	43.961.255.255	APNIC	2012-08	RECOVERED
43.962.0.0	43.969.255.255	APNIC	2012-08	RECOVERED
43.970.0.0	43.977.255.255	APNIC	2012-08	RECOVERED
43.978.0.0	43.985.255.255	APNIC	2012-08	RECOVERED
43.986.0.0	43.993.255.255	APNIC	2012-08	RECOVERED
43.994.0.0	43.1001.255.255	APNIC	2012-08	RECOVERED

- + Based on input from our consultation on implementing the IPv4 Global Policy
- + A separate Recovered IPv4 Pool registry has been created
- + Software will be developed to select the addresses for each allocation

Policy Implementation IPv4 Recovery Pool

IPv4 Recovered Address Space

Last Updated
2013-04-01

This registry is also available in [plain text](#).






Registries included below

- [Current Recovered IPv4 Pool](#)
- [Allocations made from the Current Recovered IPv4 Pool](#)

Current Recovered IPv4 Pool

Registration Procedure(s)

Global Policy for Post Exhaustion IPv4 Allocation Mechanisms by the IANA (Ratified 6 May 2012)

Start address 	End address 	Returned by 	Date recovered 	Status 
43.224.0.0	43.231.255.255	APNIC	2012-08	RECOVERED
43.236.0.0	43.239.255.255	APNIC	2012-08	RECOVERED
43.240.0.0	43.243.255.255	APNIC	2012-08	RECOVERED
43.245.0.0	43.245.255.255	APNIC	2012-08	RECOVERED
43.246.0.0	43.247.255.255	APNIC	2012-08	RECOVERED
43.248.0.0	43.251.255.255	APNIC	2012-08	RECOVERED
43.252.0.0	43.252.255.255	APNIC	2012-08	RECOVERED
43.254.0.0	43.255.255.255	APNIC	2012-08	RECOVERED
45.2.0.0	45.3.255.255	ARIN	2012-06	RECOVERED
45.4.0.0	45.7.255.255	ARIN	2012-06	RECOVERED
45.8.0.0	45.15.255.255	ARIN	2012-06	RECOVERED
45.16.0.0	45.31.255.255	ARIN	2012-06	RECOVERED
45.32.0.0	45.63.255.255	ARIN	2012-06	RECOVERED
45.64.0.0	45.127.255.255	ARIN	2012-06	RECOVERED
45.128.0.0	45.255.255.255	ARIN	2012-06	RECOVERED
66.218.132.0	66.218.133.255	ARIN	2012-06	RECOVERED
66.251.128.0	66.251.191.255	ARIN	2012-06	RECOVERED
72.44.16.0	72.44.31.255	ARIN	2012-06	RECOVERED
74.91.48.0	74.91.63.255	ARIN	2012-06	RECOVERED
128.201.0.0	128.201.255.255	RIPE NCC	2012-05	RECOVERED
131.196.0.0	131.196.255.255	RIPE NCC	2012-05	RECOVERED
137.59.0.0	137.59.255.255	RIPE NCC	2012-05	RECOVERED
139.5.0.0	139.5.255.255	RIPE NCC	2012-05	RECOVERED
139.26.0.0	139.26.255.255	RIPE NCC	2012-05	RECOVERED
139.28.0.0	139.28.255.255	RIPE NCC	2012-05	RECOVERED
144.48.0.0	144.48.255.255	ARIN	2012-06	RECOVERED

Upcoming Reports on Consultations

- + Performance Standards for ccTLD delegations/redelegations
- + Performance Standards for gTLD delegations/redelegations

Upcoming Consultations

- + Identification of source of policies & procedures
- + Relevant user instructions

Key Signing – May 2, 2013



Root Zone Management Automation

- + August 2013 – Root Zone Partners defined enhancements
- + Development of feature to Create New TLDs began
- + QA and User Acceptance Testing was successful
- + Feature Available in Production environment as of May 1, 2013

New staff



Thank You &
Questions?

