IANA Status Update

MENOG7

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Overview

- New IANA Whois Server
- IDN ccTLDs
- Root DNSSEC
- AS Numbers Global Policy
- IPv4 Status
- Root Zone Management
- DNSSEC Key Ceremony
- In other news... multicast
A new whois.iana.org

It now provides responses for:

• Unicast IP addresses
• Multicast registrations
• AS Numbers
• DS records
We’ve started delegating ccTLDNs

So whois.iana.org also shows the U-label in responses and accepts it in queries.
Root is Signed

You can get the root Trust Anchor, along with KSK ceremony materials, statements of practice and other important information from the IANA web site.

![IANA DNSSEC Information](https://www.iana.org/dnssec/)

KSK Operator Information
Information regarding our role as operator of the Key Signing Key for the DNS Root Zone.
- Root Zone DNSSEC Trust Anchors
- KSK Ceremony Materials
- DNSSEC Practice Statement for the Root Zone KSK Operator
- Public Announcement Mailing List

IANA is responsible for coordinating the Internet's globally unique identifiers, and is operated by the Internet Corporation for Assigned Names and Numbers (ICANN).
AS Numbers Global Policy

The policy allows each RIR to maintain 2 separate pools of AS Numbers until the end of 2010

- The ASO AC sent a proposal (ripe-496) to the ICANN board
- The public comment period ended on 13 August
- The proposal was ratified in September and is now policy
IPv4 Status

- 14 /8s have been allocated so far this year
- 8 have been allocated to APNIC
- ARIN, LACNIC & RIPE NCC have each received 2
IPv4 Status

• 12 unallocated /8s remain
• 7 will be allocated under the global policy that was ratified in 2005
• Then the last 5 blocks will be allocated simultaneously as per the special global policy ratified in 2009
• 1st ceremony held on 16 June
• The next DNSSEC key ceremony will be held on 1-2 November in Culpeper, VA, USA
• The KSR for Q1 2011 will be processed
Root Zone Workflow Automation

• Aim to automate as much of the root zone change process as possible
• Roles and responsibilities do not change
• TLD operators get new web based interface to interact with ICANN
Root Zone Workflow Automation

- ICANN will communicate with VeriSign using EPP
- A period of parallel operations ongoing leading to full deployment expected Q1 2011
In other news... multicast

• draft-ietf-mboned-ipv4-uni-based-mcast-06 approved
• Everyone with a /24 of IPv4 unicast space has also has a multicast /32
• 234/8 is used for this algorithmic assignment mechanism
In other news... multicast

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In other news... multicast

- We are introducing an annual review process for multicast address assignments
- We’ll be updating registrant names and contact information as appropriate
Thank you
Questions