IANA Status Update

APNIC 30
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August 2010
Overview

- New IANA Whois Server
- IDN ccTLDs
- Root DNSSEC
- AS Numbers Global Policy
- IPv4 Status
- 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 ccIDNs

So whois.iana.org also shows the U-label in responses and accepts it in queries.
You asked us to sign the root

ICANN
Mr. Peter Dengate Thrush,
Dr. Paul Twomey

28 August 2008

APNIC Community Request for ICANN to Sign DNS Root

Dear Mr Dengate Thrush and Dr. Twomey,

At the APNIC 26 meeting in Christchurch the assembled community considered ICANN’s initiatives toward operational readiness for DNSSEC signing and the consultation with stakeholders related to preparation to digitally sign the root using DNSSEC technology.
So that’s what we did

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

The policy would allow each RIR to maintain 2 pools of AS Numbers until the end of 2010

- The ASO AC sent a proposal (prop-074) to the ICANN board
- The public comment period ended on 13 August
- The board will take its decision by 20 September
IPv4 Status

- 12 /8s have been allocated so far this year
- 6 have been allocated to APNIC
- ARIN, LACNIC & RIPE NCC have each received 2
IPv4 Status

• 14 unallocated /8s remain
• 9 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
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

One World

One Internet

Everyone

Connected