

IANA Update @ APNIC 27 Manila, February 2009

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Internet Corporation for
Assigned Names & Numbers

Overview

- ▶ IPv4 status
 - ▶ /8 allocations
 - ▶ Global Policy Proposal for the Remaining IPv4 Space
- ▶ IETF work
 - ▶ Update on continuing work
 - ▶ Special IPv4 Registry
- ▶ DNSSEC

Status of the IPv4 pool

- ▶ 32 /8s left in the IANA free pool
- ▶ 7 allocated since last APNIC meeting

Global Policy Proposal

- ▶ ASO AC sent the proposal to the ICANN board on 4 February
- ▶ Public comment period open until 26 February
 - ▶ <http://www.icann.org/en/public-comment/#ipv4-policy>
- ▶ Decision likely at 6 March board meeting

Update on continuing IETF work

- ▶ rfc3171bis on guidelines for IPv4 multicast assignments is in WG Last Call
- ▶ rfc3330bis on special IPv4 ranges is now an AD sponsored individual submission

New ID for a new IPv4 registry

- ▶ draft-iana-special-ipv4-registry, co-authored with Geoff Huston has been submitted to create a special registry for assignment within 192.0.0.0/24
- ▶ Same concept as IANA IPv6 Special Purpose Address Registry
 - ▶ <http://www.iana.org/assignments/iana-ipv6-special-registry>

DNSSEC

- ▶ You asked for us to work towards signing the DNS root
 - ▶ <http://www.icann.org/correspondence/wilson-to-dengate-thrush-28aug08.pdf>
- ▶ We proposed a mechanism to do do it
 - ▶ <http://www.icann.org/correspondence/twomey-to-baker-02sep08.pdf>

Thank You

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