Prop-005-v005: IANA policy for allocation of IPv6 blocks to RIRs

Policy SIG

8 Sep 2005

APNIC20, Hanoi, Vietnam

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Global policy development

- Global Policy Development Process (PDP) defined by ASO MoU
    - http://www.aso.icann.org/docs/aso-mou2004.html
- Global policy requires consensus on proposal in each RIR community
- Common text may be established by consultation among proposer and RIRs
- When ratified by all RIRs, NRO passes approved policy to ASO
    - Then forward to ICANN board for acceptance

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Recap

- prop-005-v004: IANA policy for allocation of IPv6 blocks to RIRs

  - describes process by which IANA allocates IPv6 address blocks to RIRs

- Proposal approved at APNIC 18, Fiji

  - With flexibility to accommodate minor changes which may be approved by other RIRs

  - EC endorsed prop-005-v004 on 19 Nov '04

  - Since then, discussions and proposals evolved in other RIRs

  - Final proposal is similar, but presented to APNIC meeting for review and consensus approval.

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Revised policy provisions

- Allocate sufficient for 18 month period (not 36)
- Those with less than /12 unallocated address space to receive an allocation from IANA
- RIRs to receive additional IPv6 space when
  - available space is less than 50% of a /12
  - available space of IPv6 addresses is less than RIR requirement for the following 9 months
- In either case, IANA shall make a single IPv6 allocation, sufficient to satisfy the requirement of the RIR for an 18 month period

Situation in other RIRs

- AfriNIC
  - To discuss at next meeting (AfriNIC 3)
- ARIN
  - Reached consensus at ARIN XV
  - Endorsed by ARIN Board of Trustees
- LACNIC
  - Reached consensus at LACNIC VIII
  - Now in final comment period
- RIPE
  - Discussion in RIPE 49, 50 and next RIPE 51

Global policy development

- Prop-v005-v005
    - Amended text announced to SIG Policy mailing list on 10 August '05
        - http://www.apnic.net/mailing-lists/sig-policy/archive/2005/08/msg00001.html

- Next steps
    - Consensus sought here to revise APNIC text and to be consistent with other RIRs

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Questions?

Thank you

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