IP Policy update - comparative status in all RIR regions

Policy SIG

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Overview

- APNIC policy implementation update
- Discussion and status among RIRs

APNIC policy implementation update

- 4-byte AS number policy proposal
  - Endorsed after APNIC 21
    - 01 January 2007 Secretariat to assign 4-byte ASN
    - RIRs currently coordinating for readiness

- IANA policy for allocation of IPv6 blocks to RIRs
  - Adopted in all RIR regions
  - Submitted to ICANN for ratification

- Amend IPv6 HD ratio from 0.8 to 0.94
  - For subsequent allocation
  - Awaiting adoption from all RIRs

Discussion and status among RIRs

Focus around the OPMs and

mailing lists

Discussion in IPv4

- Not many issues raised lately
  - Research focus on exhaustion
  - Debogon activity and resource recovery
- No consensus reached 'Applying HD ratio to IPv4' proposal in RIPE, LACNIC and APNIC
- AfriNIC adopted
  - End user IPv4 Portable assignments policy
  - Policy for temporary address assignments
- Proposal in RIPE to document /24 as minimum portable assignment size for multihoming

Policy proposal discussion in IPv6

- IPv6 for critical infrastructure policy
  - /48 min default under discussion in AfriNIC
  - /32 max assignment per operator proposed in APNIC [prop-041]

- IPv6 portable assignments for end user organisations
  - Discussion in all RIRs
  - ARIN adopted to assign min /48
  - Two APNIC policy proposals to be discussed [prop-034, prop-035]

Policy proposal discussion in IPv6

- IPv6 address allocation and assignment policy
  - Under discussion in RIPE and APNIC [prop-036]
  - Amend criteria, remove plan 200 x /48 end sites
  - Implemented in AfriNIC and LACNIC

Policy proposal discussion in IPv6

- Amend IPv6 assignment and utilisation requirement
  - Discussed in all regions [prop-033]
  - 0.94 HD ratio
    - Implemented by ARIN
    - APNIC awaits other RIRs

- Micro-allocation for internal infrastructure proposal
  - Under discussion in ARIN

Policy proposal references

- AfriNIC:

  http://www.afrinic.net/policy.htm

- ARIN:

  http://www.arin.net/policy

- APNIC:

  http://www.apnic.net/policy

- LACNIC:

  http://lacnic.net/en/politicas/index.html

- RIPE:

  http://www.ripe.net/ripe/policies/proposals/

Thank you !

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