RIPE Policy Landscape

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Overview

- Policy Development Process (PDP) recap

- Recently Accepted Policies

- Highlights from RIPE 55

- Ongoing Discussions

  - Provider Independent Resources

  - IPv6

  - IPv4 Exhaustion Related Proposals

PDP Recap

- Policy

  - An agreed common practice

  - Best Common Practice (BCP), recommendation

- Bottom-up Development Process

  - Transparent

  - Open

  - Consensus

- Regional or Global

Recently Accepted Policies

- IPv6 Policy

  - New IPv6 Initial Allocation criteria and the End Site definition

  - Assignment size decided by LIR or ISP

  - Utilisation unit changed from /48 to /56

  - HD Ratio value of 0.94

- Global policy for ASN Blocks

  - Defining policies how RIRs to receive ASN blocks from IANA

Some highlights from RIPE 55

- PDP Appeals Process

- Resolution on IPv4 Depletion

  - http://www.ripe.net/news/community-statement.html

Ongoing Discussions

- 10 active proposals

- Provider Independent (PI) resources & IPv6

- IPv4 Exhaustion

PI & IPv6

- Provider Independent (PI) IPv6 Assignments for End User Organisations (2006-01)

- IPv4 PI Assignment Size (2006-05)

- IPv6 ULA-Central (2007-05)

- Direct Internet Resource Assignments to End Users (2007-01)

- Assigning IPv6 PI to Every Inetnum Holder (2008-01)

- Assigning IPv6 PA to Every LIR (2008-02)

IPv4 Exhaustion - Global

- End Policy for IANA IPv4 Allocations to RIRs (2007-07)
  - Distribute the last 5 /8s evenly among RIRs (N=1)
    - Abandoned in AfriNIC
    - Further discussion in APNIC and ARIN
    - Not proposed in LACNIC yet

- Global Policy for the Allocation of the Remaining IPv4 Address Space (2007-06)
  - Distribute the last 10 /8s evenly among RIRs (N=2)
    - Consensus in AfriNIC and LACNIC
    - Abandoned in ARIN
    - No consensus in APNIC

- Awaiting Proposers' decision

IPv4 Exhaustion

- Cooperative distribution of the end of the IPv4 free pool (2007-09)

  - Managing the tail-end of the IPv4 pool

  - In effect only after IANA pools run out

  - An RIR-to-RIR allocation model

  - Designated "source" RIR

  - Others request from the source

  - Shifting roles depending source's resources

IPv4 Exhaustion

- Enabling Methods for Reallocation of IPv4 Resources (2007-08)

  - Migrate IPv4 resources from one LIR to another

  - Promote mobility of unused resources after IANA and RIRs run out of IPv4 pools

  - Transfers between non-LIRs out of scope

  - Transfers between LIRs of different RIRs out of scope

Interesting times….

- ● Keep in touch

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

- ● Watch this space

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

- ● Stay up to date

  - http://www.ripe.net/mailman/listinfo/policy-announce

- ● and Participate

  - http://www.ripe.net/mailman/listinfo/address-policy-wg

Policy Proposal Archives

- RIPE

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

- AfriNIC

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

- ARIN

  http://www.arin.net/policy/proposals/proposal_archive.html

- APNIC

  http://www.apnic.net/docs/policy/proposals/archive.html

- LACNIC

  http://lacnic.net/en/politicas/propuesta-politicas.html

- RIR Comparative Policy Overview:

  http://www.ripe.net/info/resource-admin/rir-comp-matrix-rev.html

Questions?