APNIC Policies and the PDP

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Agenda

- What are APNIC Policies?

- What is the PDP?

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APNIC Resource Policies

- **Policy environment** for Internet number resource distribution in the Asia Pacific
  - Outlines the overall structure, principals, definitions, and goals.

- Policies for **IPv4** address space management in the Asia Pacific region
  - Policies for IPv4 address space.

- **IPv6** address allocation and assignment policy
  - Policies for IPv6 addresses.

- Policies for **Autonomous System number** management in the Asia Pacific region
  - Policies for AS numbers.

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APNIC Resource Policies cont'd

- APNIC **transfer**, merger, acquisition, and takeover policy
  - Describes current APNIC policies for the transfer of resources.

- Policies for **historical** Internet resources in the APNIC Whois Database
  - Policies for the management of historical resource registrations in the APNIC Whois Database.

- Experimental allocations policy
  Policies for the temporary delegation of resources for experimental purposes.

- http://www.apnic.net/policy/current

Internet Resource Policies

- Policies evolve to always meet the operational needs of ISPs and other network operators

- There is a system in place called the Policy Development Process (PDP)
  - Anyone can propose a policy
  - Anyone can participate in decisions
  - All decisions & policies documented & freely available to anyone

Policy development is a cycle

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Multistakeholder policy development

- Open
  - Anyone can propose, discuss, and help decide policy

- Transparent
  - APNIC publicly documents all policy discussions and decisions

- Bottom up
  - The PDP itself and the resource policies are determined by the community they serve

Policy SIG Charter

- Develop policies and procedures which relate to the management and use of Internet address resources by APNIC, NIRs and ISPs within the Asia Pacific region

- APNIC Policy
  - www.apnic.net/policy

- APNIC Policy Development Process
  - www.apnic.net/policy/policy-development

- APNIC Policy SIG
  - www.apnic.net/policy-sig

- SIG Guidelines
  - www.apnic.net/community/sigs/sig-guidelines

- Mailing list subscription archive
  - mailman.apnic.net/mailman/listinfo/sig-policy

Steps to Implementation

1. Proposal submission

2. Mailing list discussion before Open Policy Meeting

3. Must reach consensus at the OPM

4. Must reach consensus at the APNIC Member Meeting

5. Comment Period to confirm consensus

6. Executive Council endorsement

7. Editorial Comment period

8. Implementation

Consensus Decision Making

- Consensus = "general agreement" taking into consideration comments on the mailing list and at the meeting.

- Show of hands is a way of "broadly gauging opinion"

- Comments via Remote Participation are welcome

- Example definitions from Tao of IETF:
  - a very large majority of those who care must agree
  - strongly held objections must be debated until most people are satisfied that these objections are wrong

Remember

- Minor Objections
  - some problems may occur for some members of the group

- Major Objections
  - major problems will occur for parts of the community

- Participants should "work together" to resolve objections

- The Secretariat's role in the PDP is to facilitate the PDP and implement the policy

Policy Changes

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Policy Implementations

- prop-105: Distribution of returned IPv4 address (Modification of prop-088)
    - This policy proposes to define a separate distribution policy for all non-103 IPv4 address blocks in the APNIC pool, to start the distributions once "Global policy for post exhaustion IPv4 allocation mechanisms by the IANA" is activated.

- prop-107: AS Number transfer policy proposal
    - This policy would permit the transfer of Autonomous System Numbers (ASNs) within the APNIC region and between regions with compatible inter-regional ASN transfer policies.

- prop-108: Suggested changes to the APNIC Policy Development Process

- prop-109: Allocate 1.0.0.0/24 and 1.1.1.0/24 to APNIC Labs as Research Prefixes
    - The objective of this proposal is to allocate 1.0.0.0/24 and 1.1.1.0/24 to APNIC Labs, to be used as research prefixes.

Policy Proposals at APNIC 37

- prop-111: Request-based expansion of IPv6 default allocation size
  - Proposal did not reach consensus at the Policy SIG and was returned to the author for further development
    - This proposal modifies the eligibility for an organization to receive an initial IPv6 allocation up to a /29 by request basis.

- prop-110: Designate 1.2.3.0/24 as Anycast to support DNS Infrastructure
  - The proposal reached consensus at the Policy SIG, but failed to reach consensus at the AMM
    - Returned to mailing list for further consideration, but later withdrawn by the author and abandoned

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You're Invited!

- APNIC 38: Brisbane, Australia, 9-19 Sep 2014

- APRICOT 2015: Fukuoka, Japan, 24 Feb-6 Mar 2015

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