APNIC Policy Development Update

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What is a Policy?

In the APNIC (including the NIRs) region, a policy refers to the rules and requirements or criteria that one must meet to be eligible to receive IP and ASN resources.

A policy **proposal** is a formal, written submission that outlines an idea for a new policy. If a policy proposal is successful, it will become a **Policy**.

Who sets these policies?

- These are not APNIC Secretariat policies
  - They are policies decided by the community

- The APNIC Secretariat only supports the community
  - Secretariat staff are expected to refrain from publicly voicing opinions on policy matters

- NIRs and/or their Members can propose policies

Why do we need resource policy?

IP address and AS numbers are public shared resources. APNIC policies ensure that these **resources are managed** properly and distributed with the goal of fairness and consistency in mind.

The common aim of a policy is to **ensure proper usage of Internet number resources according to the technical and operational needs of the network**. This is vital for the continued stable growth of the Internet.

What's APNIC's role?

- The APNIC Secretariat is the organization that manages resources, implements policy and provides a range of services to the community

- APNIC staff
  - Provide information and support to people who want to be involved in the policy development process
  - Provide support to the Policy SIG
  - Help authors to draft proposal wording
  - Manage the implementation of policy changes
  - Inform the policy changes to the community

APNIC Policy Framework

Policy Special Interest Group (SIG) Charter

Develop policies which relate to the management and use of Internet number resources within the Asia Pacific region. These include policies for resource allocation, recovery and transfer, and for resource registration within whois, reverse DNS, RPKI and related services.

What is a SIG?

A SIG, or Special Interest Group, is an open forum for the community to discuss topics of interest. There are no entry requirements to participate in the activity of the APNIC Policy SIG.

You don't "join" a Special Interest Group; you participate in it. The first step to participation is usually to subscribe to the SIG mailing list.

APNIC Policy SIG Chairs

Chair

Bertrand Cherrier

Co-Chair

Anupam Agrawal

Policy SIG Chairs organizes Open Policy Meetings (OPMs) at APNIC Conferences.

Co-Chair

Shaila Sharmin

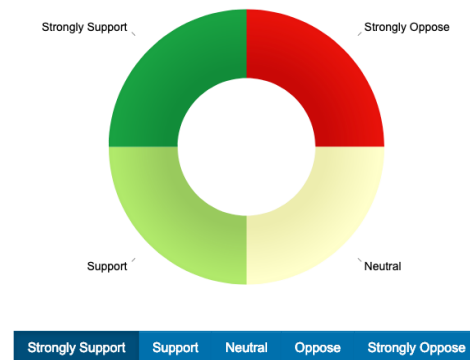
Secretariat Support
Srinivas (Sunny) Chendi

Consensus decision making

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

- Objections
  - Minor Objections:
    - some problems may occur for some members of the community
  - Major Objections:
    - major problems will occur for members of the community

- Participants should "work together" to resolve objections

Chairs consider many sources

- Mailing list discussions

- Discussions at the SIG meeting
  – Incl. remote participants

- Show of hands
  – Not a vote, a way of "broadly gauging opinion"
  – CONFER assists remote participation
    • Require one-off registration
  – The Chair will ask for both

Strongly Support   Strongly Oppose
Support   Neutral

| Strongly Support | Support | Neutral | Oppose | Strongly Oppose |

Have your say remotely

https://confer.apnic.net/

Policy change

Policies change constantly.

They evolve as the needs of the technical community change.

Good policy relies on a range of opinions.

APNIC policies are developed by NIRs, Members and the Internet community in a bottom-up process of consultation and consensus.

Who can Participate?

Policies are developed **by and for** the Asia Pacific Internet community, which includes the APNIC and NIR membership.

Anyone can participate in the policy development process for managing and distributing IP addresses.

- Whether you are a seasoned network engineer, a decision maker, a student in the IT field, or a user of the Internet, you can join the discussion.

You are invited to be part of this development process.

PROPOSALS UPDATE

APNIC 56

prop-148: Leasing of Resources is not Acceptable

- This proposal suggests explicitly stating in the policy document that leasing of addresses is not permitted in the APNIC region.

- The existing APNIC policies are not explicit about this but leasing of addresses is unacceptable if it is not an integral part of a connectivity service. Specifically, the justification of need is not valid if the purpose of the addresses is not to directly connect customers of an ISP.

prop-152: Reduce the IPv4 delegation from /23 to /24

- This proposal suggests continuing to delegate IPv4 addresses under the current policy, however, once the IPv4 address space in the current available pool is depleted, the maximum IPv4 delegation is reduced to a /24 and IPv4 will be delegated to new account holders only from 'reserved' space when it becomes available for delegation.

- This proposal also suggests creating a waiting list for prospective requestors on a first-come, first-served basis once all available and reserved IPv4 address space is depleted.

- According to this proposal, APNIC or NIR account holders who have already received an IPv4 address will be ineligible for any further IPv4 delegation from APNIC or NIRs once the current available space is depleted.

prop-153: Proposed changes to PDP

- This proposal suggests changes to Section 4, Step 1 of the Policy Development Process (PDP) to clarify the call for proposals, deadlines, and resubmission of proposals that have been returned to the authors for further discussion with the community.

prop-154: Resizing of IPv4 assignment for the IXPs

- This proposal suggests changing the default size of IPv4 assignments for IXPs from a /23 to a /26, which can be replaced up to a maximum of a /22 if the IXP returns the IPv4 address space previously assigned to it.

prop-155: IPv6 PI assignment for associate members

- This proposal suggests allowing Associate Members to apply for IPv6 Provider Independent resources with minimum justification criteria, as currently specified in Section 9.1.4 of APNIC guidelines for IPv6 allocation and assignment requests, without previously delegated IPv4 allocation, provided that the account holder will use these resources within the next 12 months. Subsequent assignments will be evaluated based on the applicant's demonstrated need and adherence to current APNIC's IPv6 allocation policies.

- This proposal recommends that the APNIC EC update APNIC Membership: Tiers and Voting Rights Section 2.2 with the proposed changes.

- According to this proposal, IPv6 Provider Independent address assignment will be non-transferable.

Status Update

Proposal	Status
prop-148: Leasing of Resources is not Acceptable	Abandoned
prop-152: Reduce the IPv4 delegation from /23 to /24	*Under discussion
prop-153: Proposed changes to PDP	*Under discussion
prop-154: Resizing of IPv4 assignment for the IXPs	*Under discussion
prop-155: IPv6 PI assignment for associate members	Endorsement by EC

*These proposals may be resubmitted for OPM at APNIC 57.

What's next?

- Subscribe to the Policy SIG mailing list
  - https://orbit.apnic.net/

- Review the proposals
  - https://www.apnic.net/community/policy/proposals/

- Discuss with colleagues, peers, and others

- Participate in Open Policy Meetings at APNIC Conferences

Thanks!
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