Policy Development in APNIC and Policy Update

TWNIC OPM 3
Policy SIG
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Taipei

Introduction

- Presenter
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- Overview of this presentation
  - A brief introduction to policy development process in APNIC
  - APNIC 17 and 18 policy update

APNIC policy environment

- APNIC responsibility
  - to represent interests of members
  - to represent interests in the region
  - to ensure collective responsibilities are met

- Collective responsibility
  - to develop policies to meet goals
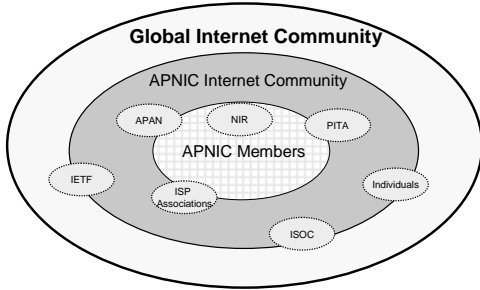 - to make appropriate customer agreements
  - to operate in good faith

Definition – "Internet Community"

Global Internet Community

APNIC Internet Community

APNIC Members

APAN · NIR · PITA · IETF · ISP Associations · ISOC · Individuals

How to make your voice heard

- Contribute on the public mailing lists
  - http://www.apnic.net/community/lists/index.html

- Attend meetings
  - Or send a representative
  - Gather input at forums
- Give feedback
  - NIR OPM
  - Training or seminar events

Policy proposal process

- Step 1: Discussion before the OPM
  - A formal proposal paper to be submitted to the SIG mailing list and to the SIG chair
    - Four weeks before the start of the OPM
    - The proposal – proposed changes and reasons
- Step 2: Consensus at the OPM
  - Consensus first at the SIG session
  - Then at the Member Meeting

Policy proposal process

- Step 3: Discussion after the OPM
  - Proposals with consensus will be circulated on the appropriate SIG mailing list
    - For eight weeks – comment period
- Step 4: Confirming consensus
  - Unless "substantial objections" consensus is confirmed
- Step 5: Endorsement form the EC
- Step 6: Implementation (usually after 3 months)

APNIC

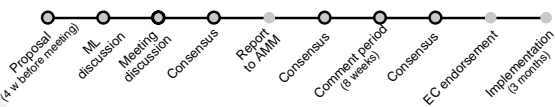## The policy development process

Need Discuss Consensus Implement

Proposal (4 w before meeting) — ML discussion — Meeting discussion — Consensus — Report to AMM — Consensus — Comment period (8 weeks) — Consensus — EC endorsement — Implementation (3 months)

You can participate!
More information about policy development can be found at:
http://www.apnic.net/docs/policy/dev

APNIC

Come to the APNIC meeting!

APNIC Open Policy Meeting
16 - 25 February 2005 Kyoto - Japan

Next meeting in conjunction with

APRICOT 2005
Kyoto, Japan 16-25 February

- Participate in policy development
- Attend workshops, tutorials & presentations
- Exchange knowledge and information with peers
- Stay abreast with developments in the Internet
- View multicast online
- Provide your input in matters important to you

http://www.apnic.net/meetings/

APNIC

Policy update

APNIC 17 policy update

Prop-015-v004

- IPv6 allocation to 'unconnected' networks
  - To allow IPv6 allocations to closed networks, if the other eligibility criteria are met
  - Current status:
    - Implemented in May 2004

APNIC 17 policy update

Prop-016-v004

- IPv6 allocation to IPv4 networks
  - To update the IPv6 policy and allocation procedures:
    - Explicitly document the consideration given to an existing IPv4 infrastructure and customer base
  - Uses HD ratio to calculate allocation size
  - Current status:
    - Implemented in August 2004

APNIC 17 policy update

Prop-017-v004

- Recovery of unused address space
  - To recover unused historical IPv4 addresses in the AP region
    - Historical address space = address space allocated prior to the establishment of service agreements by APNIC
    - Potential target for hijacking
      - Maybe used for hacking, spamming, etc.
  - Administrative steps proposed
    - Notification and updating registry information
  - Current status:
    - To be implemented in December 2004

APNIC 17 & 18 policy update

Prop-018-v004

- Protecting historical resource records in the APNIC Whois Database
  - To protect historical resource objects (inetnum and aut-num) in the APNIC Whois Database, in order to prevent unverified transfer of resources
    - mnt-by: APNIC-HM
  - Existing custodians that wish to maintain records should sign a formal agreement with APNIC and pay service fees
    - US$100 per account
  - Current status:
    - To be implemented in December 2004

APNIC 18 policy update

Prop-005-v004

- IANA policy for allocation of IPv6 blocks to RIRs (global policy)
- Minimum and initial allocation unit from IANA to RIRs:
  - /12
  - To support needs for at least a 36 month period
  - To allow each RIR to apply its own allocation and reservation strategies
  - Current status:
    - Approved by consensus
    - 8 weeks comment period
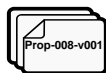   - Discussion in other RIR regions ongoing
    - Requires ICANN approval

APNIC 18 policy update

Prop-008-v001

- IANA IPv4 resource request procedures (global policy)
  - IANA will allocate address space to the RIRs:
    - in /8 units
    - to support their needs for at least an 18 month period
  - IANA will allocate additional address space if RIR's available space of IPv4 address is:
    - Less than 50% of a /8 block
    - Less than its established necessary space for the following 9 months
  - Current status:
    - ASO Address Council has passed the proposal to the ICANN board for ratification
    - Waiting ICANN board ratification

APNIC 18 policy update

Prop-021-v001

- Expansion of the initial allocation space for existing IPv6 address space holders:
  - Allows to use prop-016-v004 (IPv6 allocation to IPv4 networks) retrospectively
  - Current status:
    - Approved by consensus
    - 8 week comment period

APNIC 18 policy update

Prop-022-v001

- A proposal to abolish redundant charges in IPv6 allocation
  - Applies to NIRs
  - To revise the current "per address fee" for IPv6 allocations
  - To avoid multiple charges for the same address range in IPv6 allocation
  - Current status:
    - Approved by consensus
    - 8 week comment period

APNIC 18 policy update

`Prop-024-v001`

- Changing NIR fee structure
  - To revise the NIR fee structure by setting an upper limit to the fee
    - To cope with the large allocations made by NIRs
  - Current status:
    - Under discussion

APNIC 18 policy update

`Prop-025-v001`

- Proposal on IPv6 IRR service at APNIC
  - To prepare for wider deployment of IPv6
  - For stable routing of the IPv6 network
  - Further discussion is required to determine a possible architecture for the services
  - Current status:
    - Adopted by consensus
    - 8 week comment period

Policy update

- Policies are constantly reviewed and revised
  - Keep up with most recent development
    - http://www.apnic.net/docs/policy/proposals/
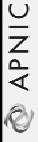
Questions ?

APNIC

Material available at: www.apnic.net/training/recent/