What's happening within APNIC

PacNOG 6

16 November 2009, Nadi, Fiji

In conjunction with:

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APNIC

APNIC Surveys

- Four surveys previously…
  - Members and other stakeholders
  - Conducted independently (KPMG)
  - Guaranteed confidentiality
  - Face-to-face, written and online response
- Fifth survey – 2009
  - Launched December 2008
  - Published February 2009

2009 Member Survey: www.apnic.net/ec

APNIC Key Activities

Top 10 Areas for Resource Allocation

1. Research and development activities (for example: network monitoring and measuring, routability testing)
2. Support network engineering education in the Asia Pacific region
3. Support of IPv6 deployment
4. Expand training activities in scope, geographical coverage and online options
5. Increase the support of the community's efforts to adopt IPv6
6. Streamline resource requests and allocation processes
7. Further development of resource certification to support better routing security
8. Expand network monitoring, reporting
9. Develop web services for automated data exchange with external systems
10. Deploy more DNS root servers in the Asia Pacific region

Support IPv6 deployment

APNIC IPv6 Program

- Activities
  - Address Distribution
  - Education and training
  - Policy Development
  - Information Source

http://www.apnic.net/ipv6

Support IPv6 deployment

Increase the support of the community's efforts to adopt IPv6

- Government liaison – PITA, CTO, APEC etc
- IPv6 summits, NOGs, etc
- IPv6 training
- Additional IPv6 advanced modules
- IPv6 transit service
- Improved IPv6 support in MyAPNIC …

Education

Expand training activities in scope, geographical coverage and online options

- E-learning
  - Expansion across region and time zones
- Self-paced learning
  - Launched at APNIC 28 (Aug, 09)
- First-time training in Myanmar (September 09)
- Planning to organize first time APNIC training in East Timor (2010 training calendar)

Resource delegations

Streamlining resource requests and allocation processes

- New MyAPNIC features
  - Request for initial resources
    - Easy step-by-step guide
  - Request for subsequent resources
    - Automatic utilisation calculation
- Improved, integrated membership sign-up & resource request form

MyAPNIC v2

Policies Reached Consensus in APNIC28 (August 2009)

prop-050: IPv4 resource transfers

prop-073: Automatic allocation and assignment of IPv6

prop-074: IANA Policy for Allocation of ASN Blocks to Regional Internet Registries

prop-075: Ensuring efficient use of historical AS numbers

Not endorsed yet by APNIC EC

prop-050: IPv4 resource transfers

- **Allow transfers of current IPv4 addresses providing:**
  - Address block is /24 or larger
  - Source and recipient organizations are current APNIC account holders
  - Source is ineligible for further address space from APNIC for 12 months unless organization can prove exceptional circumstances
  - Recipient must justify need for address space
  - After "final /8", no justification is needed

prop-073: Automatic allocation & assignment of IPv6

- **APNIC members have IPv4 addresses but not IPv6 to automatically be delegated:**
  - An IPv6 /48 (if have IPv4 assignment)
  - An IPv6 /32 (if have IPv4 allocation)

- **Any member that receives IPv4 in future also to receive IPv6 block by default.**

prop-074: IANA Policy for Allocation of ASN Blocks to RIRs

- **Background**
  - From 1 Jan 2010 under current policy, RIRs can't ask for separate 16 and 32 bit blocks from IANA
  - RIPE and ARIN are still assigning 16 bit ASNs
  - From 1 Jan 2010, they want to request more 16 bit ASNs, but won't qualify because of their unallocated 32 bit ASNs

- **Proposed solution**
  - Extend IANA's ability to allocate separate 2-byte ASN blocks to RIRs by one year
  - This is a global policy proposal, so must be adopted in all regions before it can become policy.

Asia Pacific Network Information Centre

APNIC

prop-075: Ensuring efficient use of historical AS numbers

- **Background**
  - 16 bit ASN pool is reaching exhaustion, but many networks are not prepared for 32 bit ASNs.
  - APNIC can reclaim unused AS numbers assigned under current policies.
  - But there is no equivalent policy for historical AS numbers.

- **Proposed solution**
  - Allow APNIC to reclaim unused AS historical numbers.
  - If organization holding unused AS numbers wishes to hold on to the AS number, APNIC will not reclaim.
  - After a period of time, the reclaimed AS numbers can be re-assigned to other networks.

New Fee Schedule begins in 2010

- APNIC Executive Council (EC) commissioned KPMG to study on fees and make recommendations in 2008
- APNIC EC announced these recommendations during APNIC 27
- APNIC EC conducted an open call for comments on APNIC fees in April 2009
- APNIC EC has now adopted a new fee schedule, effective from 1 January 2010
- An announcement was sent to all members of this adoption.

For any clarification please visit http://www.apnic.net/ec

APNIC meetings

Registration will open soon

- Next meeting
  APNIC 30
  Bangkok, Thailand
  23 – 27 August 2010

All are invited !!!

http://www.apnic.net/meeting

Thank You!

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