13th Policy SIG Report

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Kenny Huang
Toshiyuki Hosaka
Eugene Li
Chair/co-chair of APNIC Address Policy SIG

History

- 1st SIG:Korea, Mar. 2000
- 2nd SIG:Brisbane, Oct. 2000
- 3rd SIG: KL, Mar. 2001
- 4th SIG: Taipei, Aug. 2001
- 5th SIG: Bangkok, Mar. 2002
- 6th SIG: Kita-Kyushu, Sep. 2002
- 7th SIG: Taipei, Feb. 2003
- 8th SIG: Korea, Aug. 2003
- 9th SIG: Kuala Lumpur, Feb. 2004
- 10th SIG: Fuji, Sep. 2004
- 11th SIG: Kyoto, Feb. 2005
- 12th SIG: Hanoi, Sep. 2005
- 13th SIG: Perth, Feb. 2006

Address Policy SIG Agenda

- Review of action items
- IAB report
- IP policy update - Comparative status in all RIR regions
- prop-032-v002: 4-byte AS number (p)
- IPv6 portable assignment for multihoming
- Large IPv4 address space usage trial for future IPv6
- Survey results in JP on IPv6 policy change
- Issue with critical infrastructure assignment size

Head count for each session

- Session 1 : 56
- Jabber chat : 18
- session 2 : 60

Content of SIG

- 1 policy proposals
  - The policy proposal reached consensus in OPM
    - Consensus needed from AMM
- 6 informational presentations

prop-032-v002: 4-byte AS number (Geoff Huston)

- The proposal

  Proposed AS assignment transition in 3 phases:

  1. Commencing on 1 January 2007 the registry will process applications for *32-bit only AS numbers*[1] upon specific request. *16-bit only AS numbers*[2] will be assigned by default
  2. Commencing on 1 January 2009 the registry will assign *32-bit only AS numbers*[1] by default. *16-bit only AS numbers* will be assigned upon specific request[2]
  3. Commencing on 1 January 2010 the registry will assign from the *extended AS number space*[3]

- The proposal reached consensus at the OPM

Informational Presentations

- IAB report, Leslie Daigle
  - IETF, IAB introduction
- IP policy update - Comparative status in all RIR regions, Save Vocea
  - prop-020-v001 Application of HD ratio to IPv4
    - First discussed in APNIC 18
    - Update in APNIC 19
    - LIR survey conducted
    - Further discussion in policy mailing list
- IPv6 portable assignment for multihoming , Toshiyuki Hosaka
  - Analyze the requirement for IPv6 PI address space and defined the target as: multihomed end site, regardless of its size
  - Future trend of the IPv6 global routing table
  - Discussing assignment policy for PI address space

Informational Presentations

- Large IPv4 address space usage trial for future IPv6 Large pool divided into IDs of /48s, Kosuke Ito
  - As of Jan 1st, 2006, phase 2 of this trial has started
  - Term: Jan 1st to the end of 2008
  - Report regularly
- Survey results in JP on IPv6 policy change, Izumi Okutani
  - Study the impact of the IPv6 assignment policy change on LIRs over :
    - Service,Network,Customer,Cost
  - Compare the impact over three different proposals discussed in APNIC, RIPE and ARIN
- Issue with critical infrastructure assignment size, Yong-Wan Ju, Billy Cheon
  - Discuss the assignment size for critical infrastructure

Action Item

- prop-020-v001: Application of HD ratio to IPv4
  - Take back to ML for one month then make decision

Next Step – seek consensus from the AMM

- prop-032-v002: 4-byte AS number (Geoff Huston)

THANK YOU