IPv4 Transfer update

- Sanjaya – Services & Operations Director

Overview

- APNIC's IPv4 address transfer services

- Policy/practice impact to transfer trends

- Transfer statistics by economy

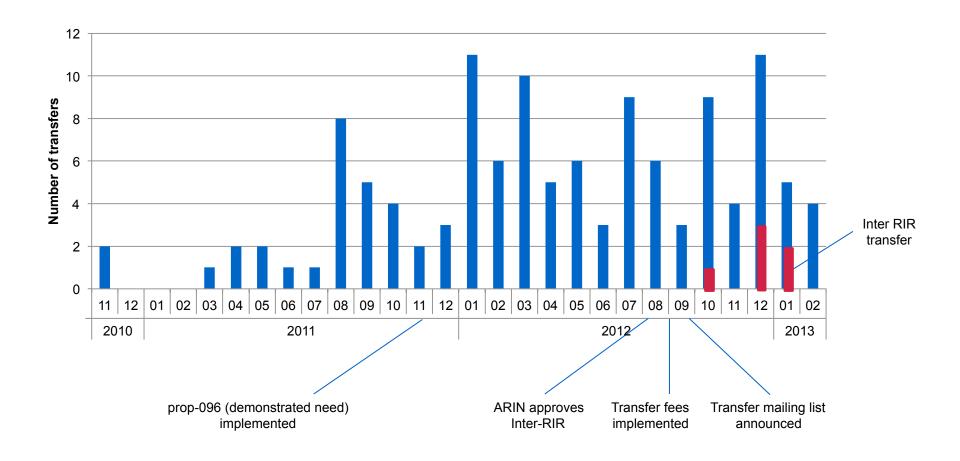- Inter-RIR experience

- Interesting observations

- Q & A

IPv4 address transfer services

- Support for Intra and inter-RIR transfer

- Pre-approval service, up to 24 month requirement
  - Pre-approval listing (optional)

- Broker listing, 4 registered so far

- apnic-transfers@apnic.net mailing list

- Public transfer log

- Transfer fees applied
  - 20% of the transferred block's annual fee (other holdings not included in the calculation)
  - Payable by the recipient, or by the source if transferred out of APNIC region
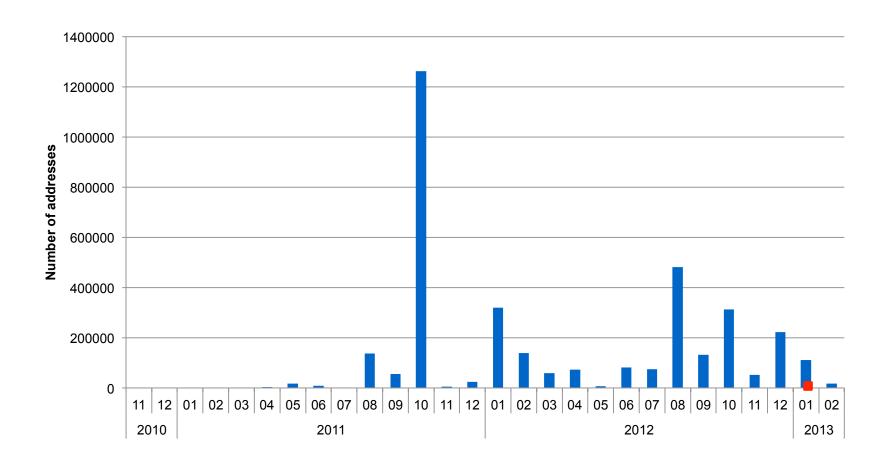
Impact of policy/practice changes

As of 24 Feb 2013
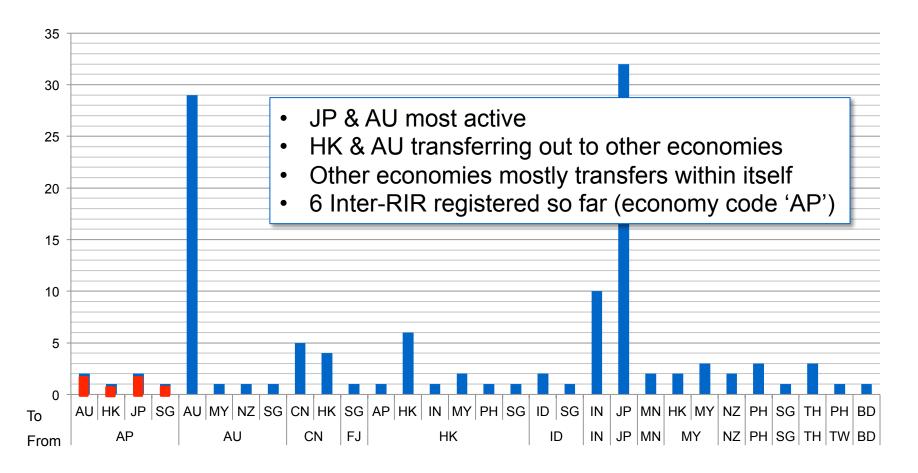
Transfer size (no discernible pattern)

As of 24 Feb 2013

Transfer activities by economy

- JP & AU most active
- HK & AU transferring out to other economies
- Other economies mostly transfers within itself
- 6 Inter-RIR registered so far (economy code 'AP')

As of 24 Feb 2013

Inter-RIR experience

- Completed transfer: 6 (as of end Jan 2013)

- Transfer time (including evaluation): 1 – 2 weeks

- Successfully transferred live network

- ARIN & APNIC stats overlap one day after transfer due to time zone difference

Interesting observations

- A group of companies has been observed to be transferring between themselves in circles
  - It stops after the implementation of transfer fee

- New members are created to receive last /8 allocations and then quickly transferred to an existing member
  - Currently being discussed in the policy-sig (prop-106)

- 32 out of 2,110 (1.5%) delegations from 103/8 have been transferred
  - 15 APNIC members have more than a /22 from 103/8 in their account. The highest number is 5 x /22s in one account.
  - As a comparison, 64 out of 3,580 (1.8%) delegations have been transferred before APNIC implemented its last /8 policy

Thank you

- Questions?