Recovery of Historical Resources Status Update

Policy SIG
8 Sep 2005
APNIC20, Hanoi, Vietnam
Son Tran

Background

- Objective
  - Registration in DB accurate and current
  - Reduce unauthorised use of Internet resources by spammers and hackers

- Proposal
  - http://www.apnic.net/docs/policy/proposals/prop-017-v001.html
  - Reached consensus in APNIC17
  - EC endorsed May 2004
  - Implemented Mar 2005 end Mar 2006

Definitions

- Historical
    - Resources distributed without formal agreement, AUNIC and ERX
- Un-routed
    - Not globally visible since 1998
- Unused
    - Un-routed & not used on closed network

Implementation procedure

- Brief procedure
  - Compile list of affected blocks
    - Allocation/assignment before 1997
    - 203.0.0.0/10 - former AUNIC blocks
    - ERX blocks
  - Consult Prefix Advertisement Database (PAD)
    - Unrouted prefixes since 1998 will be contacted
      - Email, phone and fax as an alternative
  - Repeat the process every 2 months for 1 year
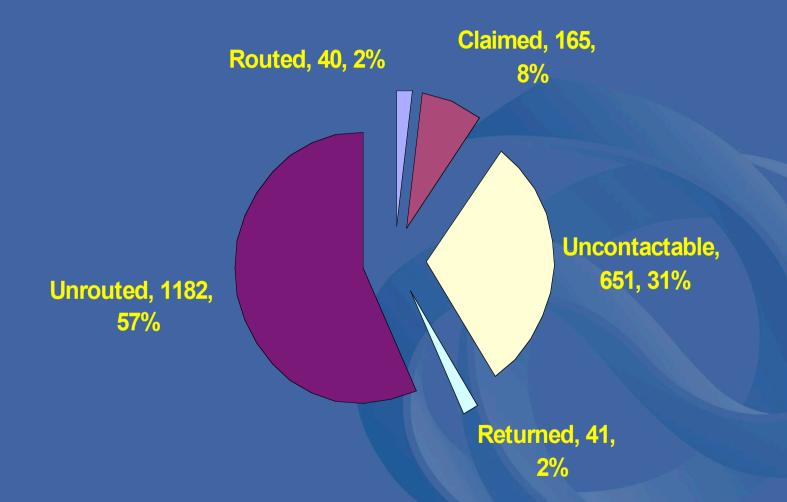   - Unused prefixes will be recovered

Implementation status

- Implementation in Mar 2005
    - Third emails sent out in Jul 2005
        - 1250
    - Trying to contact custodians without email
        - 217
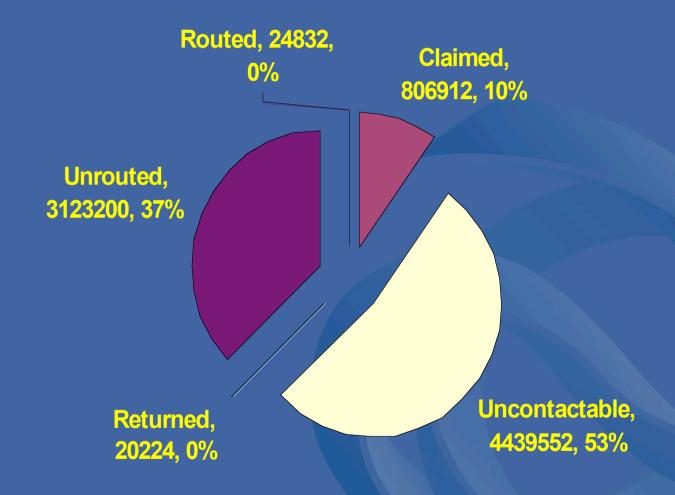   - Trying to contact bounced custodian emails
        - 170

Distribution of prefix status

Routed, 40, 2%

Claimed, 165, 8%

Uncontactable, 651, 31%

Unrouted, 1182, 57%

Returned, 41, 2%

Distribution of IP address space

Routed, 24832, 0%

Claimed, 806912, 10%

Unrouted, 3123200, 37%

Returned, 20224, 0%

Uncontactable, 4439552, 53%

Questions?

Thank you!