



APNIC

Asia Pacific Network Information Centre

# APNIC Status Report

ARIN X

Eugene, Oregon

Oct 30-Nov 1, 2002



# APNIC Staffing

The "Boss"

His  
"Angels"

More  
"Angels"



# Account Management by 'Hostmasters'

- Started in July 2002
  - In response to member survey
- Aim to provide more personalised service
  - Each team responsible for specific members
  - Familiarity with members' background to improve services
- Reduced time for processing requests
  - Avoid requesting for duplicate information

# Helpdesk Services by 'Hostmasters'

- Launched in April 2002
  - One point of contact for all queries
    - Billing, hostmaster, database, in-addr.arpa, membership, training, feng shui.....
  - One day turnaround time
  - Extended working hours
    - 9:00 – 19:00 (UTC + 10 hours)
  - Email: [helpdesk@apnic.net](mailto:helpdesk@apnic.net)
- Languages spoken
  - Bahasa Indonesia, Cantonese, Mandarin, English, Filipino (Tagalog), Hindi, Telugu, Japanese, Thai, and Vietnamese



# IPv6 Allocations and Reverse DNS

- Since new policy 1<sup>st</sup> July
  - 27 NEW /32's allocated
  - 37 upgraded from /35's to /32's
  - 25 existing /35's not upgraded (yet)
- ip6.arpa
  - Delegated and operational for IPv6 allocations
    - 51 /32's delegated in ip6.arpa
    - 59 /32's in ip6.int



# Training

- Training in 2002
  - Increased staffing, frequency
    - 23 training courses given by end 2002
  - Developed material to support RPSL
  - Ongoing work with AP\* outreach
- Future developments
  - Redesign current materials
    - Improved modular structure
  - Integrate training records into MyAPNIC

# Communications

- Online support materials
  - Database FAQs for Whois v3 and IRR
  - Contribution to Database User Manual
    - Collaboration with RIPE NCC
  
- *APster*
  - Quarterly newsletter
  - Issue 5 due for publication in December
  - <http://www.apnic.net/apster>

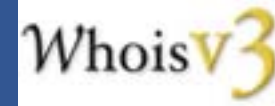






# Service Developments

- RPSL (RIPE v3)
  - Migration schedule completed 20 August
    - Thanks to RIPE NCC for support
- Internet Routing Registry (IRR)
  - Preparation of training materials
  - Pilot at [irr.apnic.net](http://irr.apnic.net)
  - Full IRR service launch December 17<sup>th</sup>



# Service Developments

- Distributed service architecture
  - POPs in major exchange points
    - Planning underway for new site at HKIX
  - Tech/admin model under development
    - Geographic and server based load balancing
- DNS service improvements
  - Deployed BIND9
  - Flatter zonefiles now served
  - Exploring native IPv6 transport for end December
- “MyAPNIC”
  - Integrated, secure online site for resource management, staff and account administration
  - Edit features ready for v1.1 mid Jan ‘03





# Resources

[Resources](#) [Training](#) [Administration](#) [Signoff](#)

Good morning **Shuang**.  
Have a good day!

### REMINDER

[05 August 2002]  
Thank you for your registration to attend APNIC-14 meeting. Your name has been listed in the [attendee list](#).

[20 August 2002]  
Whois v3 has been successfully implemented. More information is available in our [website](#).

You're here: [Home](#) > [Resources](#) > Show customer assignments

## Resources

### IPv4 customer assignment

[\[ New Assignment \]](#)

Network Name	Start IP	End IP	Maintained By	Changed
GDFLNS-CN	218.192.48.0	218.192.55.255	MAINT-CERNET-AP	hostmaster@net.edu.cn 20020717



# Major Policy Developments at APNIC 14

- NIR criteria and operational policies
  - NIRs will not have a pool of addresses
    - NIR-LIR members will receive addresses from APNIC pool
  - APNIC will accept applications for new NIRs from 1 December 2002
- Critical infrastructure for IPv4 & IPv6
  - Definition: Root DNS, ccTLD, IANA, RIRs/NIRs, not IXes
  - /24 for IPv4 & /32 for IPv6

# Major Policy Developments - Continued

- AS policy document
  - Consensus to allow LIRs to assign non-portable ASNs to customers
- Experimental Internet resource assignments
- LIRs can now make sub-allocations
  - Restricted to LIRs only
- Documentation addresses for IPv6
  - Which /32 range of addresses used will be discussed with RIRs

# APNIC Meetings



- APNIC14, Sept 2-6, Japan
  - Translation English into Japanese
    - First time, very successful
    - Investigating adding languages for future meetings
  - Improving structure and involvement
    - Clearer tracking of action items
    - Appointment of co-chairs for SIGs planned
  - Multicast sessions
    - Successful implementation of trial



# APNIC Meetings



The banner features a golden dragon on the left, the text "15th APNIC Open Policy Meeting" and "24 - 28 February 2003 Taipei - Taiwan" in the center, and the "APRICOT 2003 Taipei" logo on the right. The background is yellow with decorative patterns.

15th APNIC Open Policy Meeting  
24 - 28 February 2003 Taipei - Taiwan

APRICOT  
2003  
Taipei

- Next meeting: APNIC15
  - Taipei, Taiwan 24-28 February 2003
    - In conjunction with APRICOT 2003
      - <http://www.apricot2003.net>

- APNIC 16: TBD
  - Call for proposals out
  - Deadline for submissions December 1st





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*Questions?*