



APNIC

Asia Pacific Network Information Centre

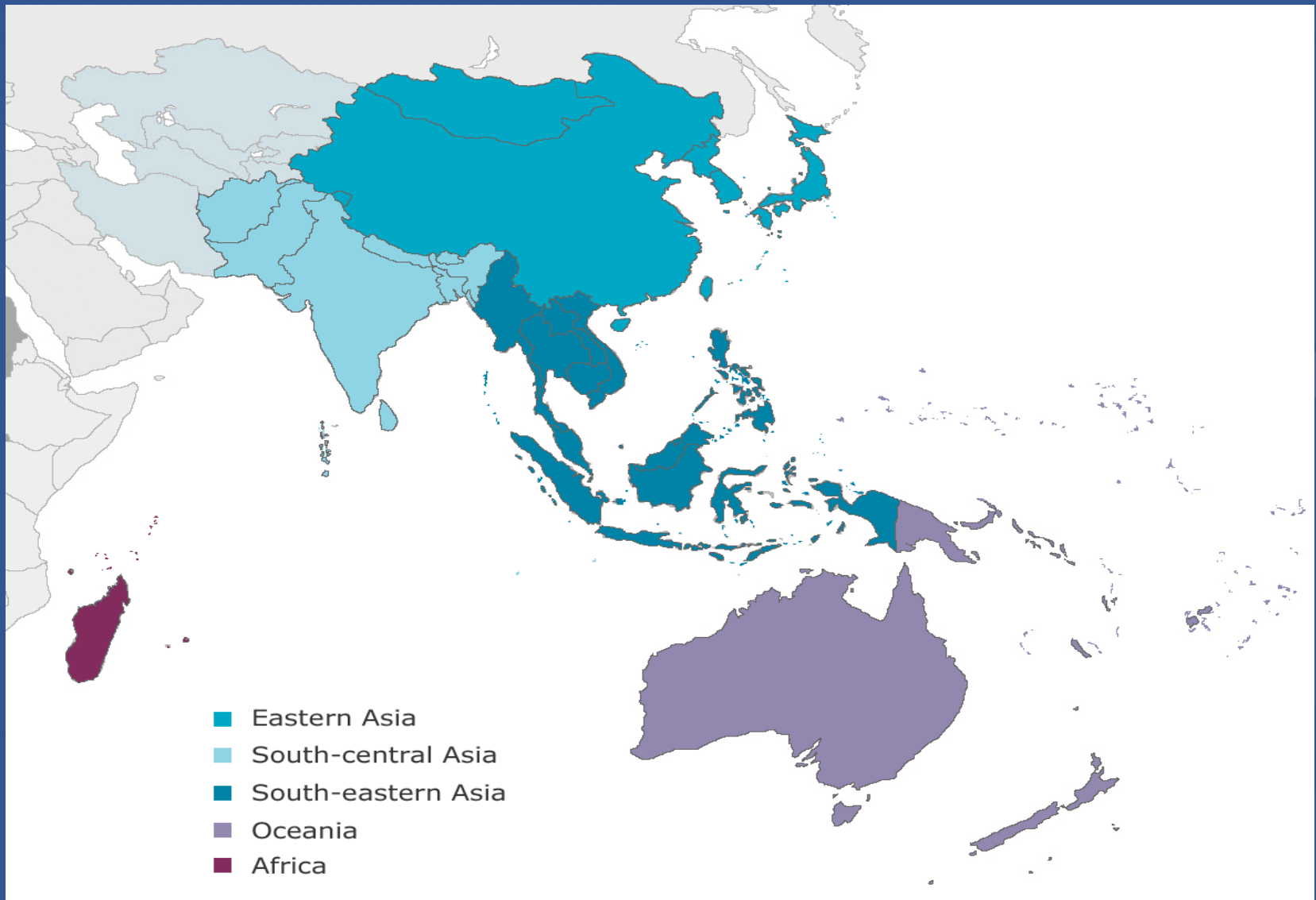
APNIC Status Report

LACNIC IV

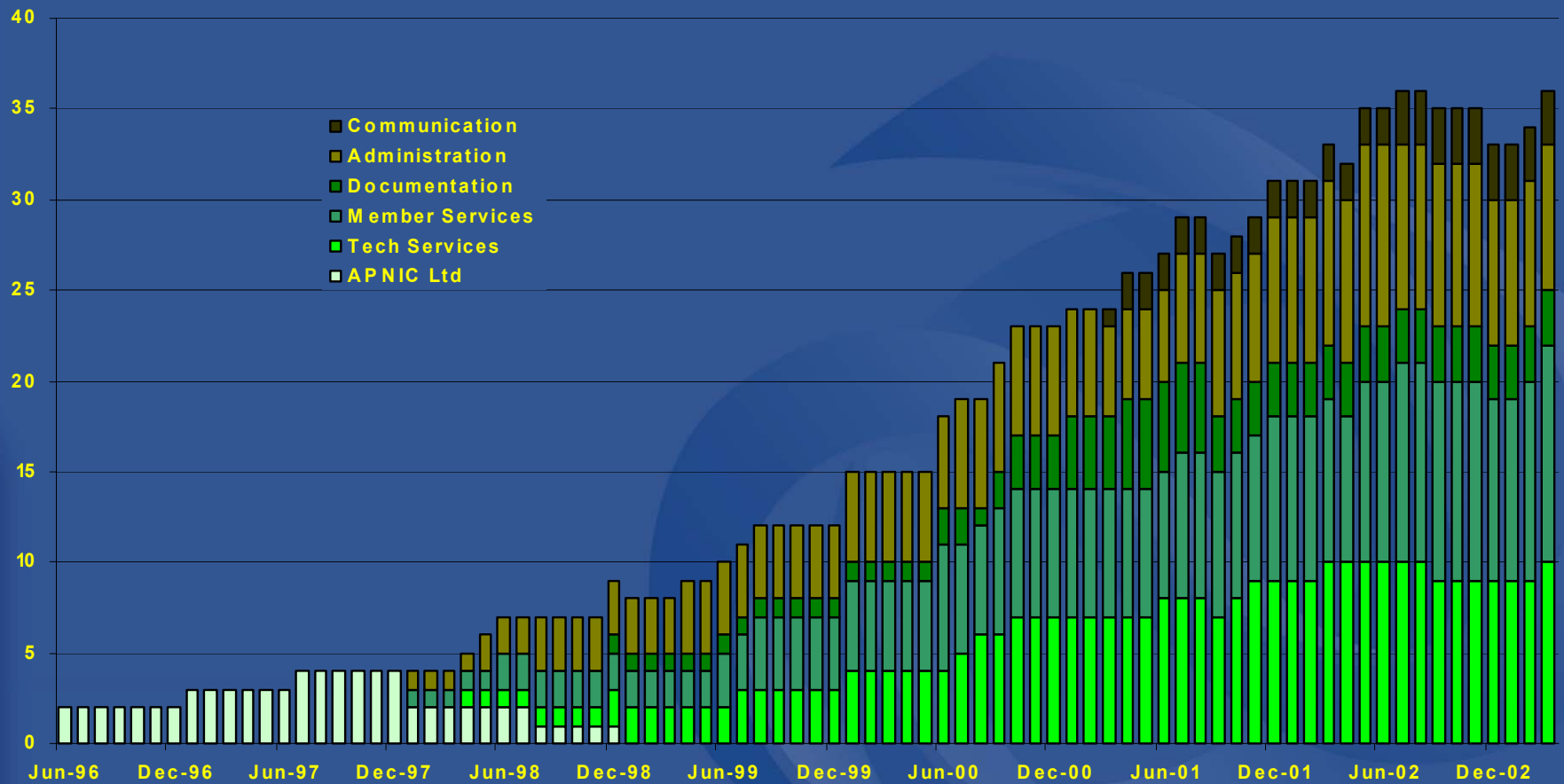
Santiago, Chile

23-25 April, 2003

The APNIC Region



Staffing



Policy Developments at APNIC 15

- Consensus
 - APNIC whois database clean-up
 - VNNIC application as an NIR
- General agreement – mailing list discussion needed
 - Policy development process
 - Lame delegation clean-up
 - IPv6 space management
- No agreement – much more mailing list discussion needed
 - Requirements for running a local ‘whois’
 - NIR fee and voting structure



IPv6 Allocations and Reverse DNS

- Since new policy (1 July 2002)
 - 40 *new* /32s allocated
 - 44 /35s upgraded to /32s
 - 17 existing /35s not yet upgraded
- ip6.arpa
 - Delegated and operational for IPv6 allocations
 - 45 /32s delegated in ip6.arpa
 - 22 /32s in ip6.int

Training

- Training in 2002
 - Increased staffing, frequency
 - 23 training courses in 19 cities in 2002
 - Developed material to support introduction of IRR
- Future developments
 - Redesign current materials
 - Improved modular structure
 - Extend course portfolio
 - Advanced course, DNS, & IRR training courses
 - Integrated training records into 'MyAPNIC'
 - Ongoing work with AP* outreach

Communications

- *Apster*
 - Quarterly online newsletter
 - Sent automatically to all members
 - Anyone can download (.pdf)
 - www.apnic.net/apster

- Next issue
 - Issue 7 due June



Apster

-ster (suffix) One that is associated with, participates in, makes, or does: songster.
Source: www.dictionary.com

A number of major policy decisions were agreed upon at APNIC's Open Policy Meeting held in Kitakyushu, Japan, during September 2002. A summary of the major policy changes which have now been implemented by APNIC is provided below.

The policy document, "Policies for Autonomous System number management in the Asia Pacific region" is available at:
www.apnic.net/docs/policy/asn-policy.html

■ Management of Autonomous System Numbers (ASNs)

The new policy for managing ASNs not only describes the applicable policies but also seeks to improve the current framework for managing ASNs. The policy makes a distinction between ASNs that are applied for directly by the user of the resource, and those that are applied for on behalf of a customer or organisation. In the case of the former, the ASN can be moved between ISPs when network topology changes. In the case of an assignment to an LIR on behalf of another organisation that will use the ASN, the LIR is the custodian of the resource, rather than the end-user. If the end-user leaves the LIR and uses different upstream ISPs, it will not be able to take the ASN with it. This framework ensures a much greater level of accountability and is directed at improving the management of the resource.

■ Experimental allocations

Of particular interest to researchers and experimenters in Internet related technologies, is the policy decision relating to experimental use of Internet resources. Numbering resources, such as IP addresses (v4 and v6) and AS numbers, are now available to researchers on a time-limited basis for experimentation purposes. Never before has this been formally possible through APNIC.

The fee for obtaining experimental allocations will be determined on a cost-recovery basis, to keep it inexpensive for members. The IP resource allocation fee will also be waived. The policy framework is described in the provisionally active document, "Experimental allocations policy", which is available at:
www.apnic.net/docs/drafts/apnic-draft-experiment-v001.html

January 2003
Issue 5

www.apnic.net

APNIC celebrates 10th anniversary

Ten years ago some progressive thinkers foresaw the need for an Internet Registry to serve the Asia Pacific region. Our earliest written accounts show that Jun Mura and Masaki Hirabayashi (WIDE Project/JNIC - now APNIC) presented a proposal to investigate how APNIC should be formed and operated at the first official APCCIRN meeting held in Honolulu on 13 January 1993.

No doubt the concept of a Regional Internet Registry (RIR) had been thought about well before this, but the APCCIRN meeting marked a historical milestone in APNIC's creation. The meeting decided that Jun Mura and Masaki Hirabayashi at JNIC should carry out an APNIC experiment with the cooperation of other countries including Australia, Korea, and New Zealand.

By September 1993 a pilot APNIC project had commenced. APNIC provided resources for the pilot and the fledgling RIR was staffed by volunteers.

We're collecting archival material to chronicle the early days of APNIC and have created an historical archive at:
www.apnic.net/history

I'm calling for input from anyone with early records or memories of APNIC. Please send your stories, documents or photographs to me. Any original documents will be returned.

Robert Wislaka, Editor, Apster <apster@apnic.net>

▼ APNIC staff



Service Developments

- Distributed service architecture plan
 - POPs in major exchange points
 - Hong Kong equipment deployed at HKIX
 - “Expressions of interest” call for proposals for hosts in additional locations
- F-root equipment in HK installed
 - Operated by ISC
 - Testing and configuration underway
 - Anycast model for ‘F’
- Both in response to member survey for regional service improvements

Service Developments

- DNS service improvements
 - Deployed BIND9
 - Flatter zone files now served
 - Exploring native IPv6 transport
 - NSPIXP6 IPv6 peering interface enabled
 - IPv6 DNS in NS
 - To be launched with ARIN/LACNIC 1 July
- “MyAPNIC” v1.1
 - Update ‘write’ capabilities
 - Administration information
 - User management
 - Version 1.2 updates to APNIC whois database



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

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

REMINDER

[August 26]
 Message text

You're here: [Home](#) > [Resources](#) > Expand Graph IPv4

Resources

IPv4 Usage

Start IP	CIDR	Assignment Status
218.192.0.0	/20	<div style="width: 100%; height: 10px; background-color: red;"></div>
218.192.16.0	/20	<div style="width: 100%; height: 10px; background-color: red;"></div>
218.192.32.0	/20	<div style="width: 100%; height: 10px; background-color: red;"></div>
218.192.48.0	/20	<div style="width: 75%; height: 10px; background-color: red;"></div>
218.192.64.0	/20	<div style="width: 100%; height: 10px; background-color: red;"></div>
218.192.80.0	/20	<div style="width: 100%; height: 10px; background-color: red;"></div>
218.192.96.0	/20	<div style="width: 0%; height: 10px; background-color: red;"></div>
218.192.112.0	/20	<div style="width: 0%; height: 10px; background-color: red;"></div>
218.192.128.0	/20	<div style="width: 25%; height: 10px; background-color: red;"></div>
218.192.144.0	/20	<div style="width: 100%; height: 10px; background-color: red;"></div>
218.192.160.0	/20	<div style="width: 0%; height: 10px; background-color: red;"></div>
218.192.176.0	/20	<div style="width: 0%; height: 10px; background-color: red;"></div>



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



APNIC Meetings



The banner features a golden dragon on the left, the text "15th APNIC Open Policy Meeting 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

- APNIC 15 was in Taipei (24-28 February)
 - Held in conjunction with APRICOT
 - New meeting features: multicast, translation and on-site notice board

– Minutes & info at: <http://www.apnic.net/meetings>

APNIC 15 – On Site Notice Board

APNIC 15 | Onsite Notice Board - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites History Print Copy Paste

Address http://www.apnic.net/meetings/15/onb/index.html

APNIC 15
Onsite Notice Board

[Floor plans](#)

[Have your say](#)

[Photo gallery](#)

[HM consultation info](#)

[APNIC staff languages](#)

[APNIC 15 home](#)

[ONB 15 home](#)

Reminder

Thank you to everyone attended APRICOT 2003 and APNIC 15.

Special thanks to

Gold sponsor
CNNIC
Day 5
Friday 28

Gold: [CNNIC](#) Silver: [KRNIC](#)

[Become a sponsor or host](#)

Announcement

- ▶ **APNIC 16** will be held in Seoul, Korea, 18-22 August 2003.
- ▶ The successful candidates for EC members are: Qian Hualin, Kuo-Wei Wu, Ma Yan, Yong Wan Ju
- ▶ To send us your feedback on APNIC 15, please take a few minutes to fill out '[Have your say](#)' form.

APNIC 15 is proud to be associated with APRICOT. Please check the [APRICOT2003 web site](#) for programme details and information on APRICOT activities this week.

Today's schedule **Friday 28 February**

Sponsored by:

 [CNNIC](#)

Time	Session	Room	Information
9:00 - 17:00	APNIC Member Meeting	101 A+B	

To send us your feedback on today's session, please take a few minutes to fill out '[Have your say](#)' form.

Simultaneous interpretation

 Simultaneous interpretation was available for this session. (Mandarin only)

此會議以中英文同步翻譯進行

Need help?

- ▶ [General enquiries](#)
- ▶ [Website enquiries](#)
 - ▶ Announcements
 - ▶ Reminders
- ▶ [Network enquiries](#)

APNIC staff languages

中文 / 華語 [Mandarin](#)

 **Registration / wireless card**
Finance & Accounting Manager
[Irene Chan](#)

 **Internet Resource Analyst**
[George Kuo](#)

Other [APNIC staff languages](#)

Done

Start

arinxi-repor... ripe44.ppt Welcome to... SSH - ssh.a... Palm Desktop APNIC 15 |... http://www...

Internet 11:09 AM



Next APNIC Meetings

- APNIC 16
 - Seoul, Korea, 19-22 August 2003
 - In conjunction with KIOW (Korea Internet Operations Week)
- APNIC 17
 - Kuala Lumpur, February 2004
 - With APRICOT 2004

All welcome!



APNIC

Asia Pacific Network Information Centre

APNIC Status Report

Thank You!
Questions?