



APNIC

Asia Pacific Network Information Centre

APNIC Report

RIPE 43

Rhodes, Greece

9-13 September 2002



Overview

- Membership
- Resource Services
- Human Resources
- Activities and Projects
- Policy Developments
- Meetings Update



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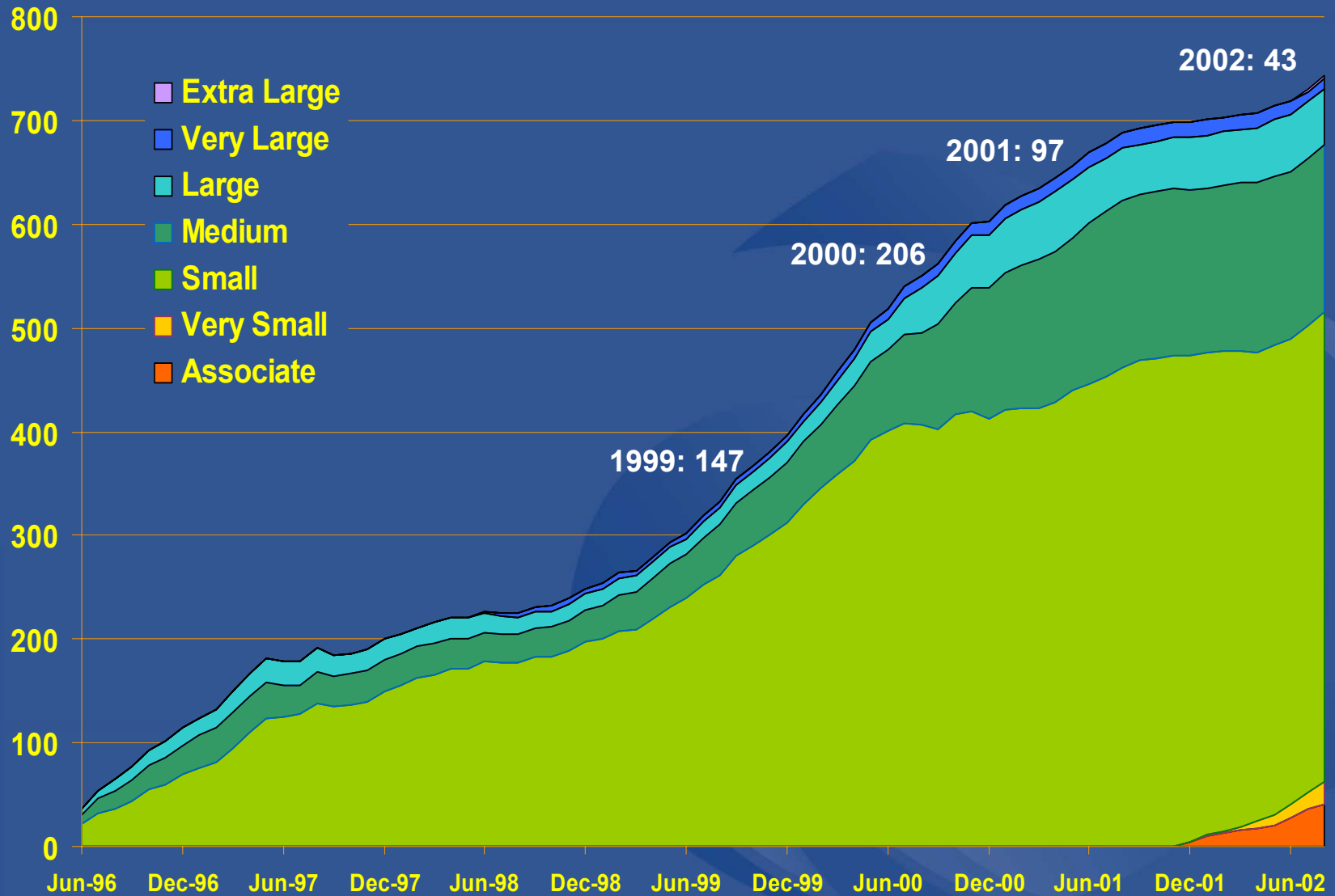
Membership



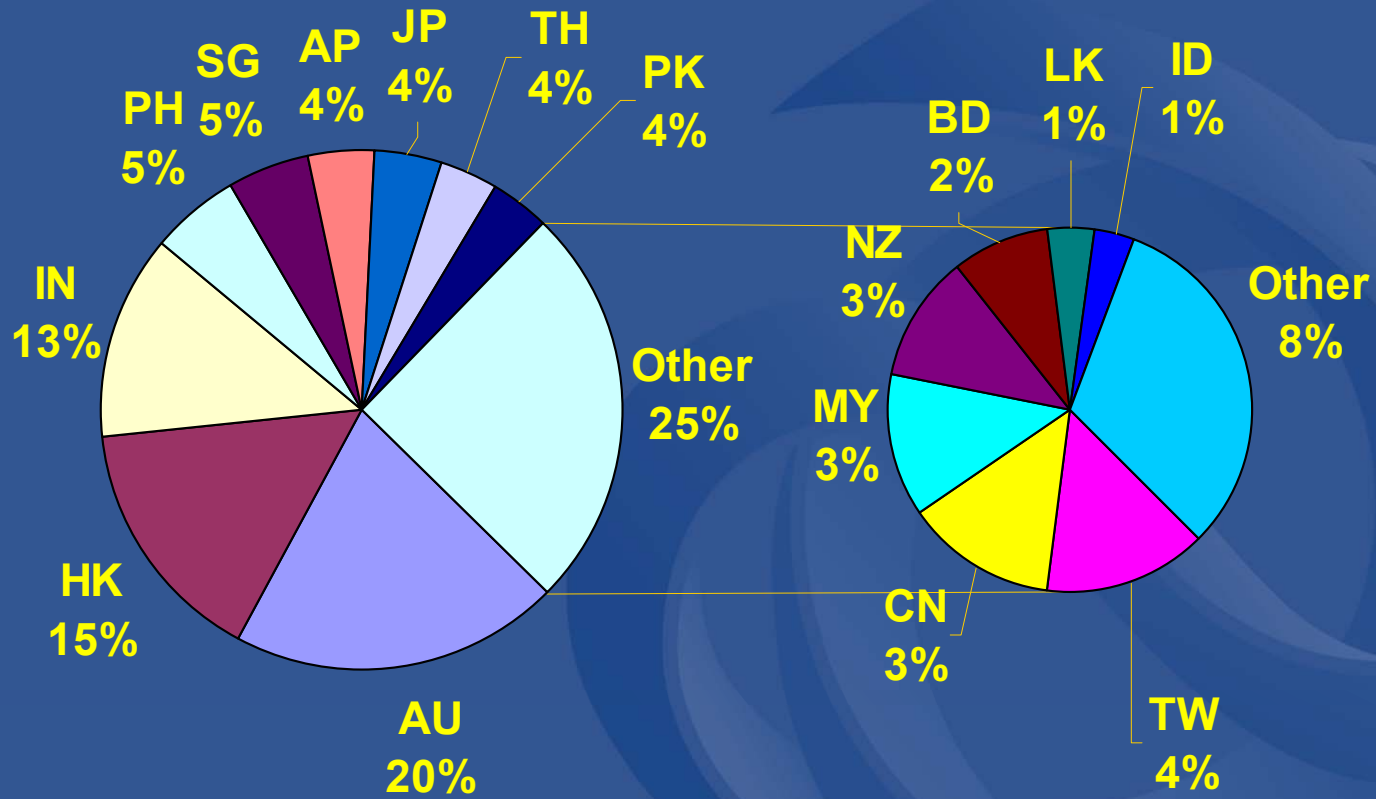
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Total APNIC Membership



Total APNIC Membership





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Member Services



Helpdesk Services

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



Account Management

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

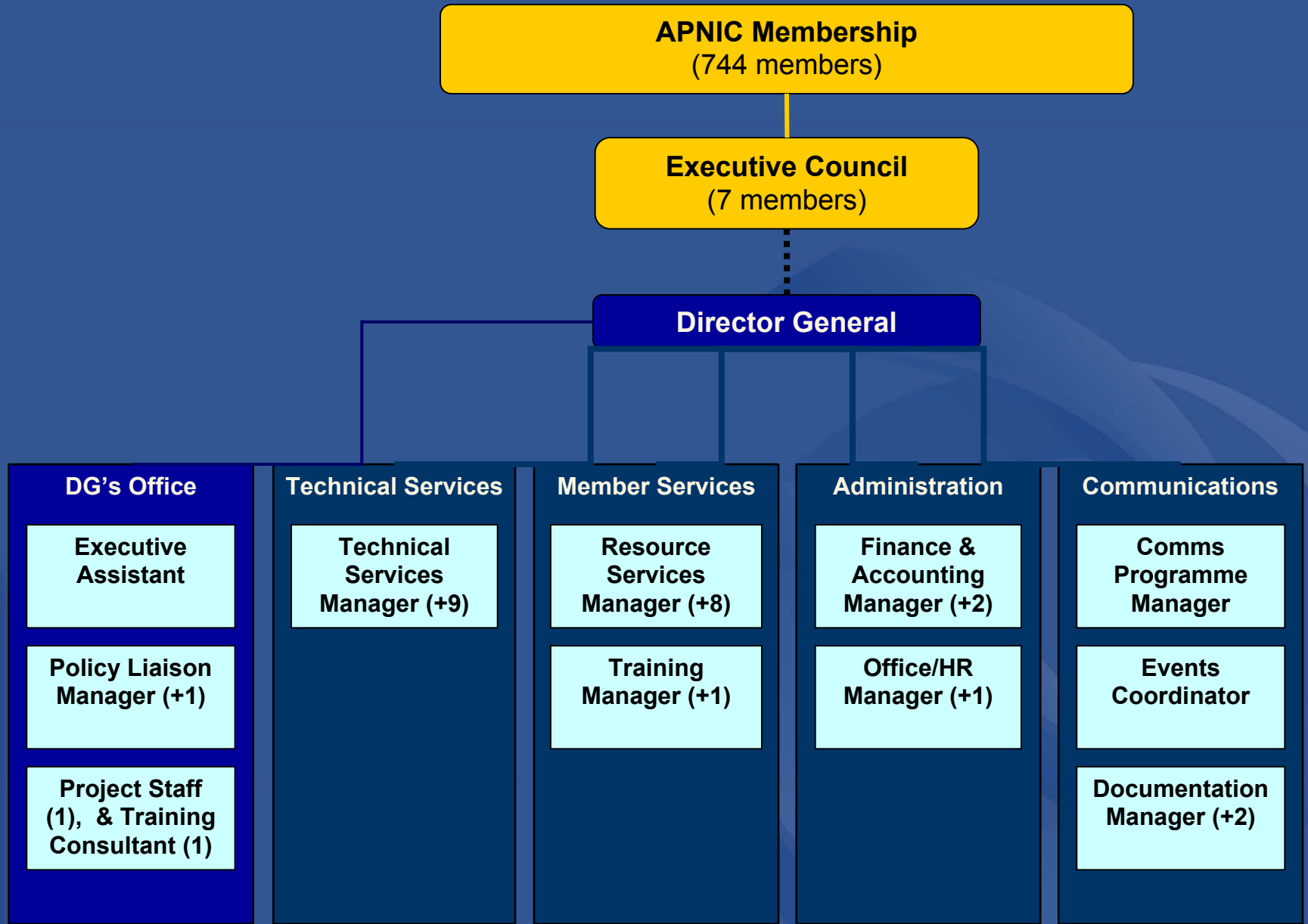


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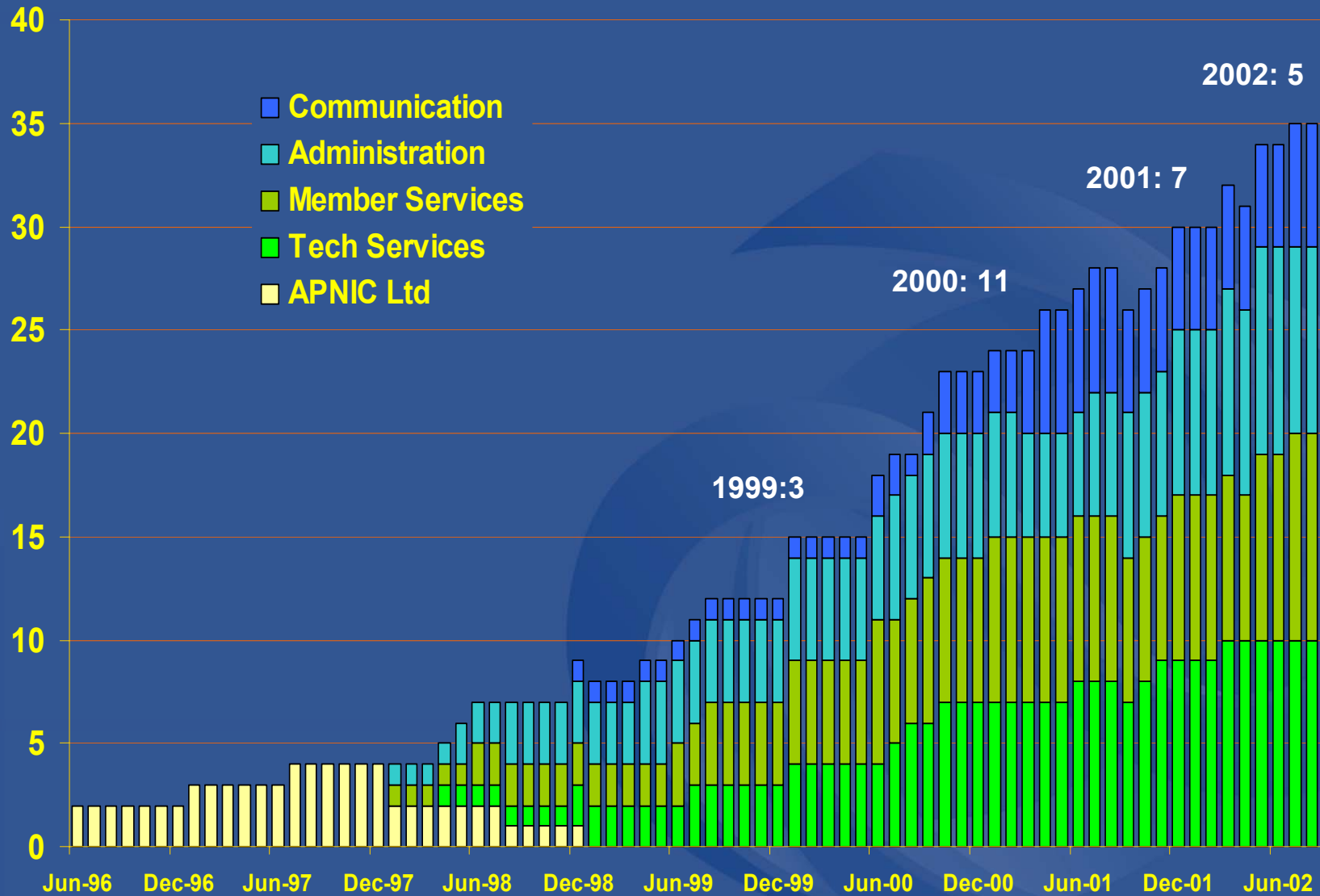
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Human Resources



APNIC Staffing





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Activities and Projects

Member Survey 2001/2002

- Response from APNIC Executive Council
 - Published early 2002
 - <http://www.apnic.net/survey/>
- Main points
 - APNIC services and service Quality
 - Future APNIC Services
 - Member input and decision framework
 - Diversity and development



Training

- Training in 2002
 - Increased staffing, frequency
 - 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 4 published for meeting
 - <http://www.apnic.net/apster>

The logo for 'Apster' features the word 'Apster' in a stylized, lowercase font. The 'A' is yellow, the 'p' is blue, and the 'ster' is black. The letters have a slight shadow effect.

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

Service Developments

- RPSL (RIPE v3) 
 - Migration schedule completed 20 August
 - Many thanks to RIPE NCC assistance and support
- Internet Routing Registry (IRR)
 - Training and support materials
 - Fully operational pilot at irr.apnic.net
 - Full IRR service launch mid-December
 - source: APNIC

Service Developments

- Distributed service architecture
 - POPs in major exchange points
 - Existing at NSPIXP2/6, Tokyo
 - Planning underway for new site at HKIX, Hong Kong
 - Tech/admin model under development
 - Geographic and server based load balancing
 - Pilot IPv4 BGP anycast model
- ip6.arpa
 - Delegated and operational for APNIC IPv6 address allocations
 - Automated process via domain objects

MyAPNIC

- Secure online site for:
 - Resource management
 - Staff administration
 - Account administration
- Version 1.0 launched at APNIC 14 in Japan
 - Read-only in this release
 - Edit features scheduled for 1.1



Resources

- 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: 50%; 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

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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





Good morning Shuang.
Have a good day!

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You're here: [Home](#) > [Resources](#) > [AS Number](#)

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ASN record

```
aut-num: AS4538
as-name: ERX-CERNET-BKB
descr: China Education and Research Network Center
descr: Tsinghua University
descr: Beijing 100084
country: CN
admin-c: JW410-AP
tech-c: JW410-AP
remarks: This aut-num object created as part of the ER-Transfer from ARIN
mnt-by: MAINT-CN-CERNET
changed: hostmaster@apnic.net 20020803
source: APNIC
```





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Policy Developments



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 and IPv6
 - Definition includes Root DNS, ccTLD, IANA, RIRs/NIRs, but not IXes
 - Size is /24 for IPv4 and /32 for IPv6

Major policy developments - continued

- AS policy document
 - Consensus to allow LIRs to assign non-portable ASNs
- Experimental Internet resource assignments
- LIRs to make allocations
 - Restricted to LIRs only
- Documentation addresses for IPv6
 - Range of addresses used will be discussed with RIRs



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Meetings

APNIC14, Japan – Essential Audience Participation



APNIC Meetings



- APNIC14, Japan (last week)
 - Translation English into Japanese
 - Investigating adding languages in future
- Improving structure and involvement
 - Clearer tracking of action items
 - Appointment of co-chairs for SIGs planned
- Multicast sessions
 - Successful implementation of trial



APNIC Meetings



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



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Questions?