



APNIC

Asia Pacific Network Information Centre

APNIC Update

ARIN IX

Las Vegas, Nevada

7-10 April, 2002



Overview

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



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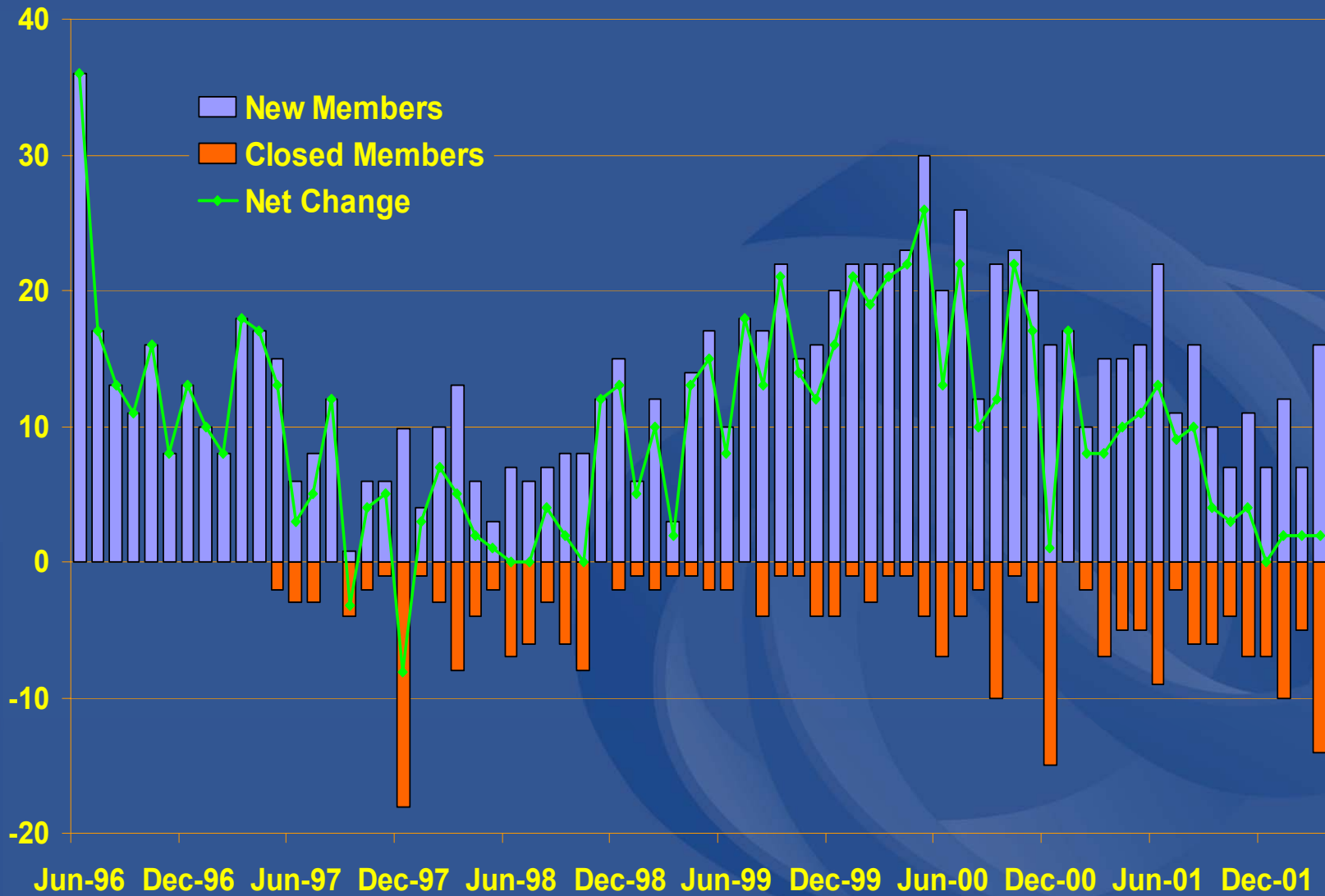
Membership

APNIC Region



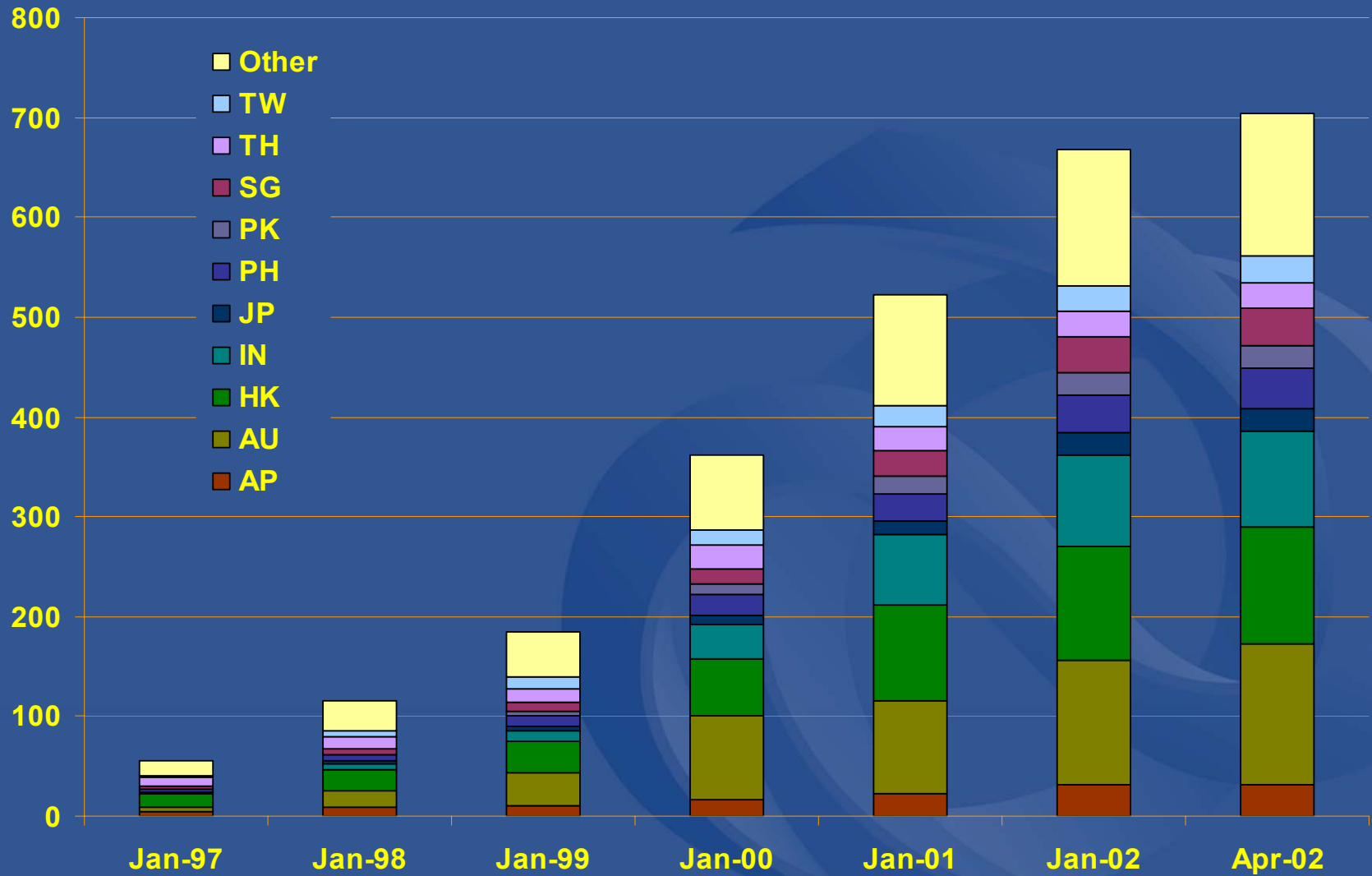


Membership Growth





Membership Distribution





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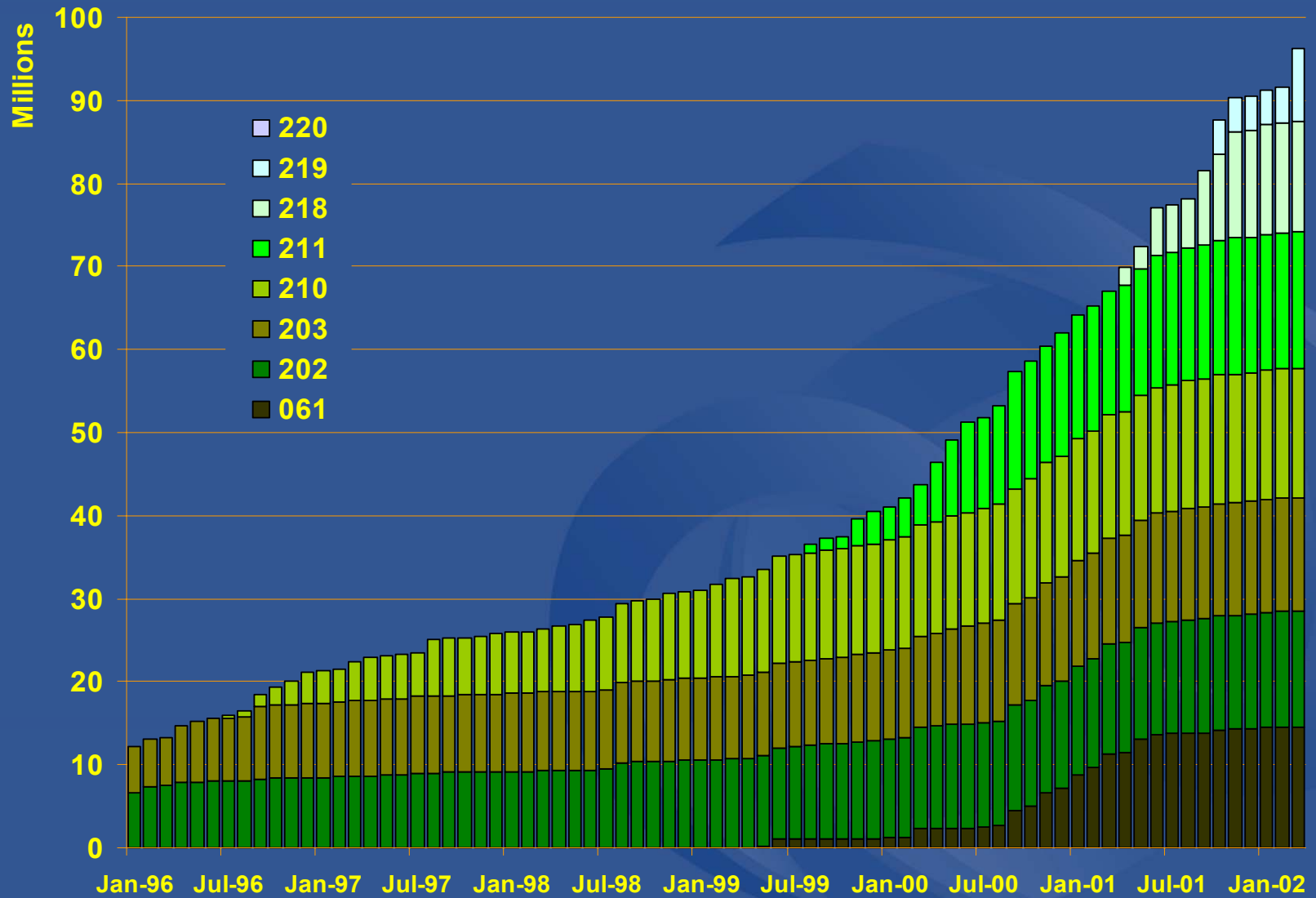
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Resource Services

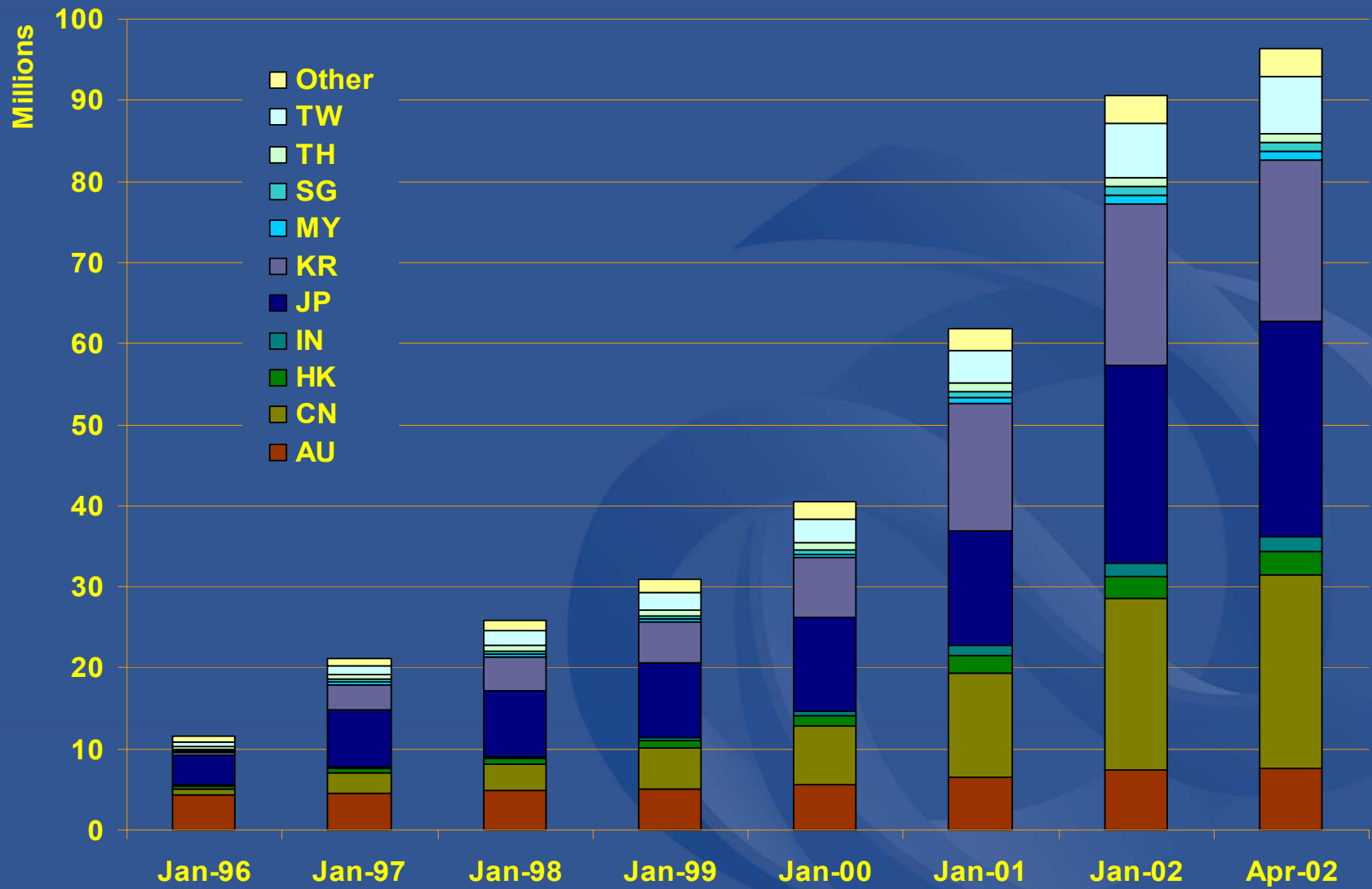


Total IPv4 Allocated





IPv4 Distribution

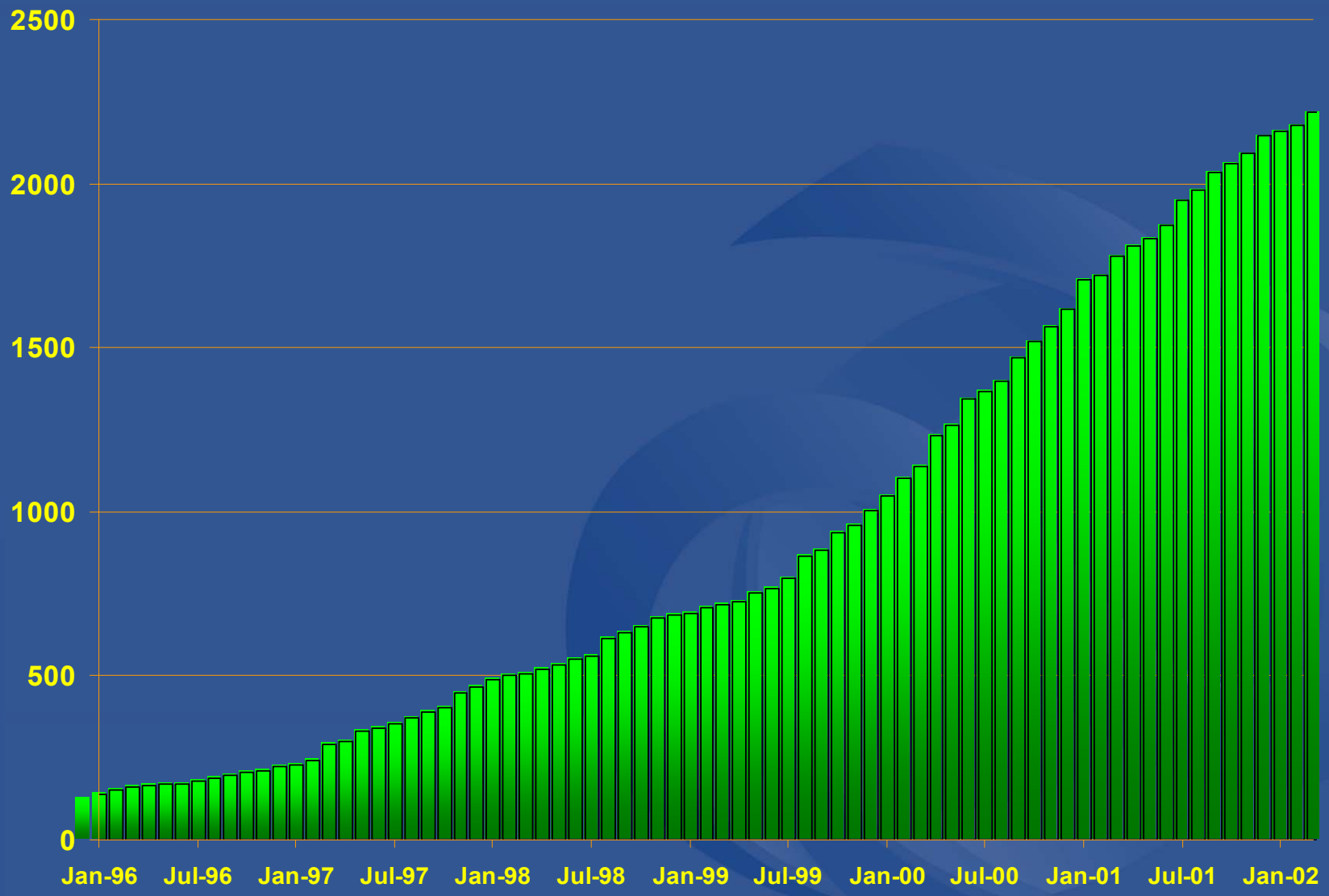




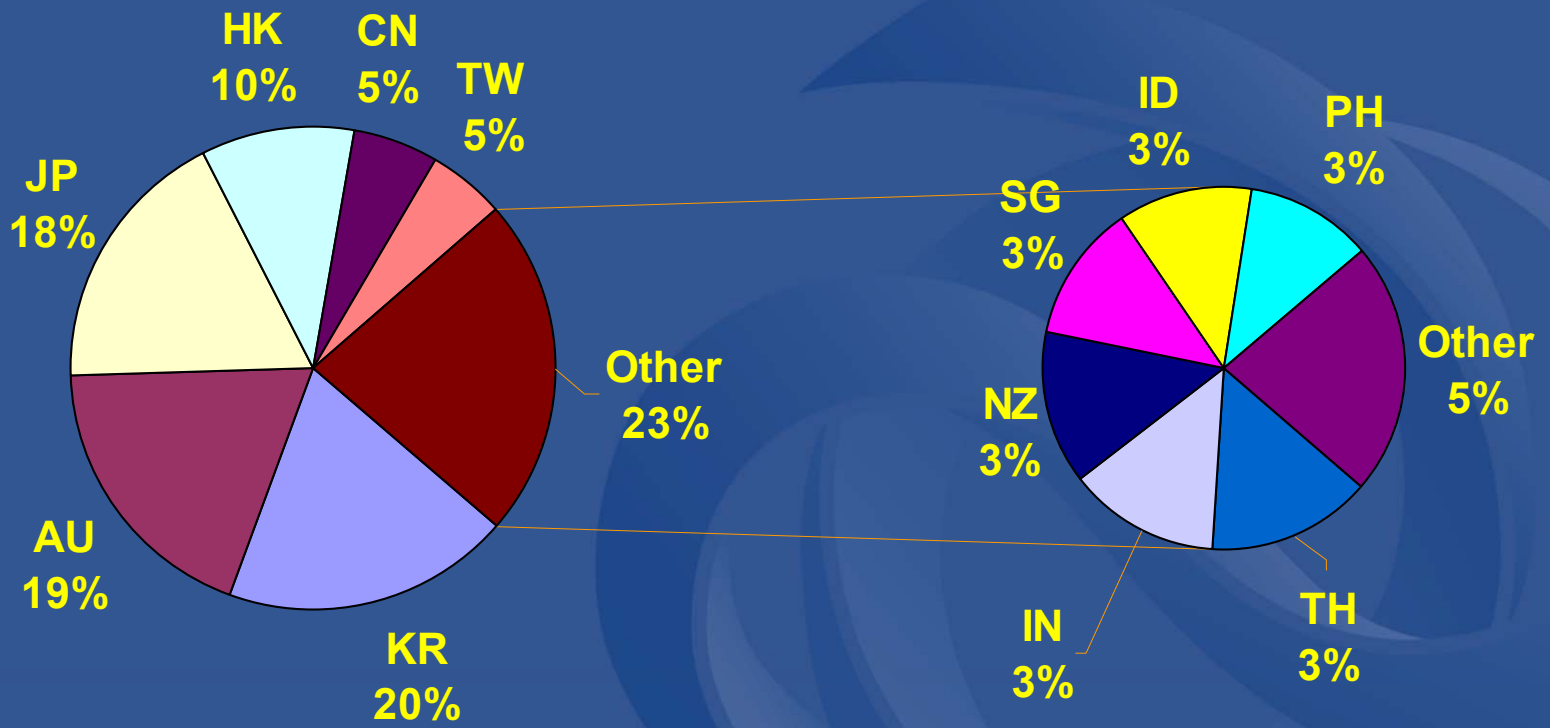
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Total ASNs Assigned

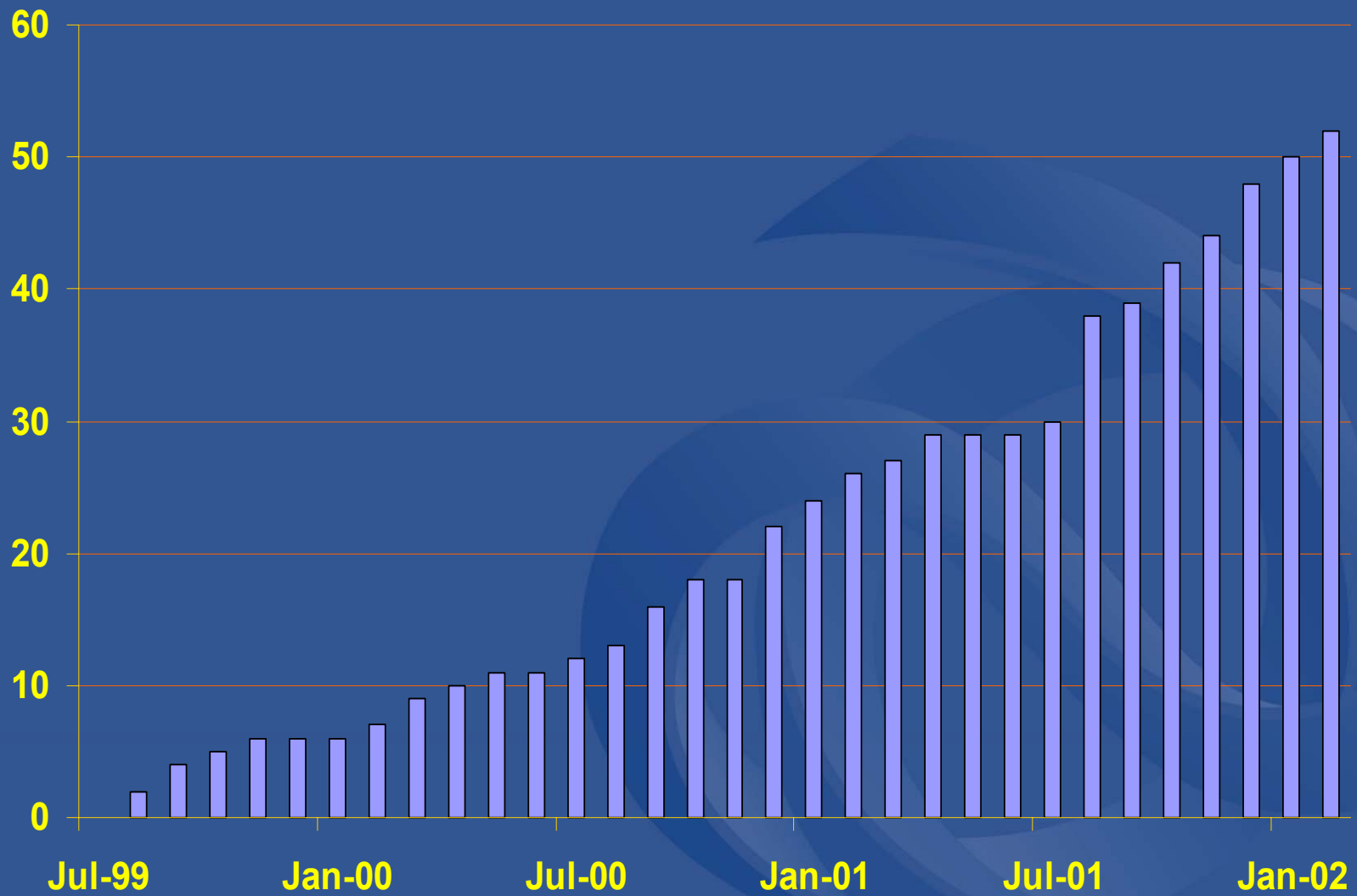


ASN Distribution

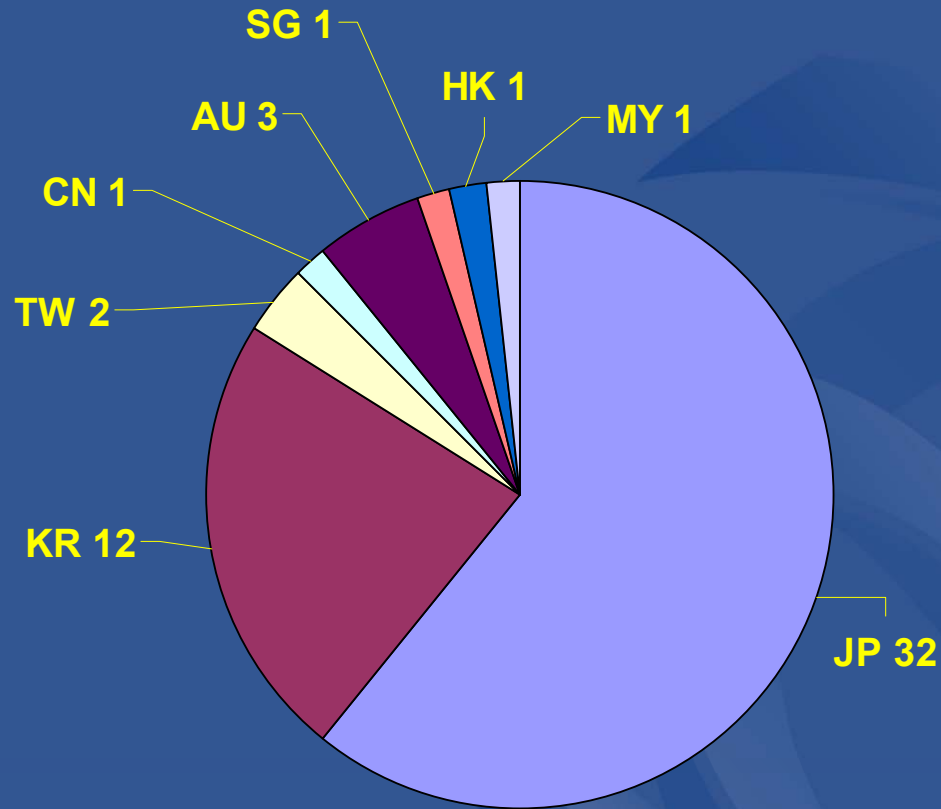




IPv6 Prefixes Allocated



IPv6 Address Distribution



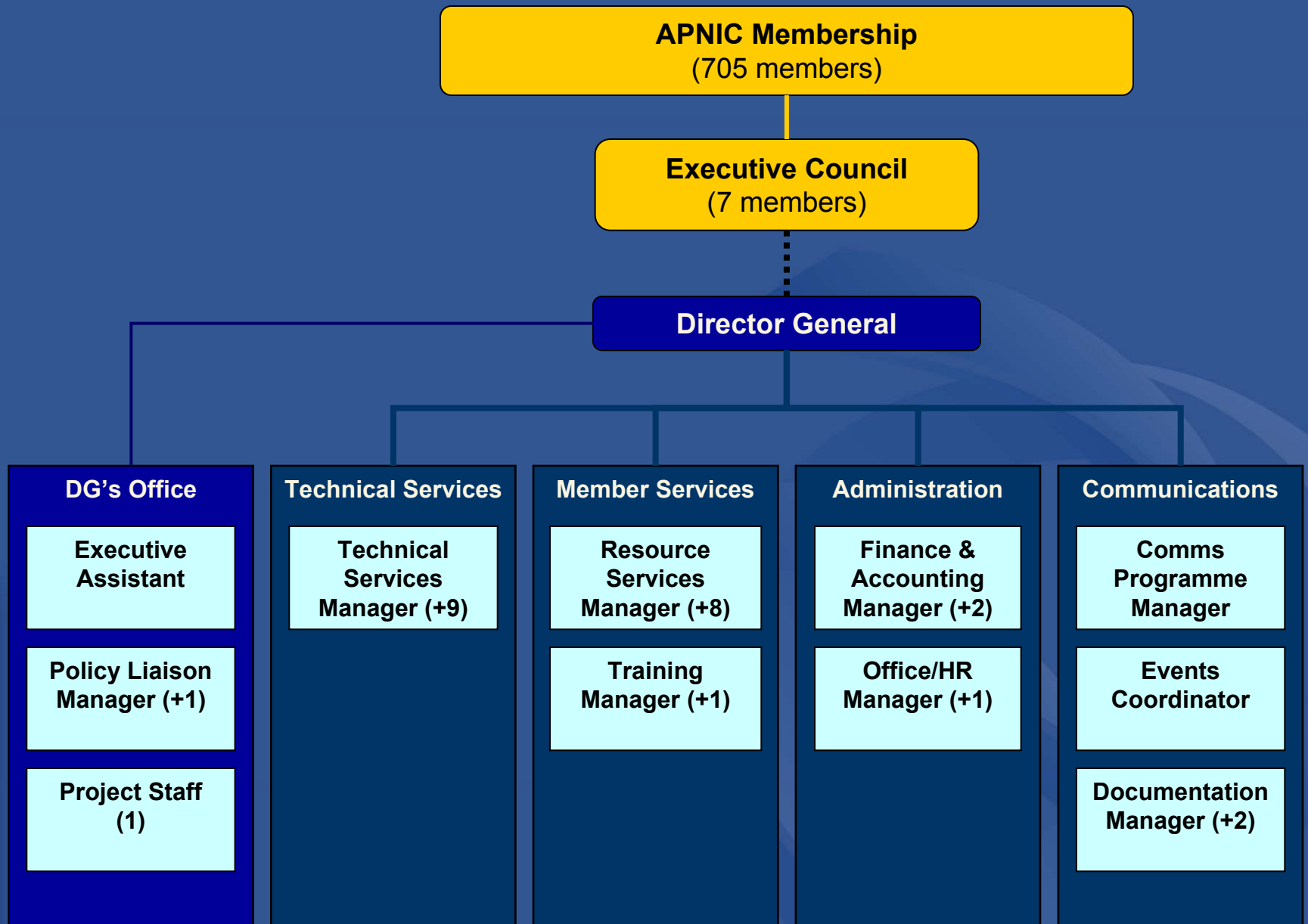


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Human Resources





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Activities and Projects

Training Update

- Training in 2002
 - Increasing staffing, frequency
 - Develop material to support RPSL deployment
 - Ongoing work with AP* outreach, etc
- Future developments
 - Moving to 2 courses/month during 2002
 - Redesign of current materials
 - Improved modular structure
 - Trialling one CBT module

Service Developments

- RPSL (RIPE v3)
 - Testing and transition planning underway
 - Pilot at rpsl.apnic.net
 - Mirror of whois.apnic.net
 - Migration schedule to be announced soon
- Internet Routing Registry (IRR)
 - Training and support materials
 - Pilot at irr.apnic.net
 - Mirrors numerous IRR databases
 - Service fully operational
 - We have *real* users!

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

Member Services - MyAPNIC

MyAPNIC - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://my.apnic.net/Resources.cgi>

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my APNIC

- ISP Demo Manager
- Resources
- Training
- Administration
- Messages
- Security
- Signoff

You're here: [Home](#) → Resources

Messages/Reminders

- Your assignment window will be increased from 2 to 3 if the next two second opinion request is approved without comments.
- The next APNIC members meeting will be held in [Bangkok](#), March 7th, 2002.

Your Resources

IPv4

Start IP	CIDR	Assignment Status
203.145.32.0	/19	Expand Graph - 20% used
203.145.16.0	/20	
203.145.8.0	/21	
203.145.0.0	/22	
203.145.4.0	/22	

Legend: = Empty = 20% = 40% = 60% = 80% = Full

IPv6

AS Number

10121 10138

Request Tracking Tickets:

Internet

Member Survey 2001

- Second APNIC member survey
 - Undertaken by KPMG
 - Independence and confidentiality
 - Extensive consultation with members and stakeholders
 - Face-face, written response, translations
- Results
 - EC interpretation/response
 - Reports available on-line
 - <http://www.apnic.net/survey/2001>



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Policy Developments



Policy Developments

- 12th Open Policy meeting (Taipei)
 - IPv4/IPv6 assignments for IXes
 - Small multihoming assignment policy
- 13th Open Policy meeting (Bangkok)
 - IPv6
 - To be reported later today
 - Cable 'bootstrap'
 - Assign /24 to CMTS systems

Policy Work in Progress

- AS policy proposal
 - New dedicated ASN document
 - Direct assignment from APNIC/NIR
 - Contractual relationship with end-user
 - Modification proposed at the Bangkok meeting: “non-portable” assignment by ISPs
- NIR model
 - Ongoing discussion at open NIR meetings
 - NIR criteria still to be developed

Documentation

- Revised Policy document published
 - ‘Policies for IPv4 address space management in the Asia Pacific region’
 - Incorporated new and modified policies
 - Simplified language
- Work in progress
 - ‘Guidelines’ document for request evaluation



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Meetings

Next APNIC Meetings

- 14th Open Policy meeting
 - Kitakyushu, Fukuoka, Japan
3-6 September 2002
 - Hosted by JPNIC
 - <http://www.apnic.net/meetings>
- 15th Open Policy meeting
 - In conjunction with APRICOT 2003
 - March 2003, Taipei, Taiwan
- All welcome!



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Questions?