

APNIC Update

ARIN IX

Las Vegas, Nevada

7-10 April, 2002

Overview

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

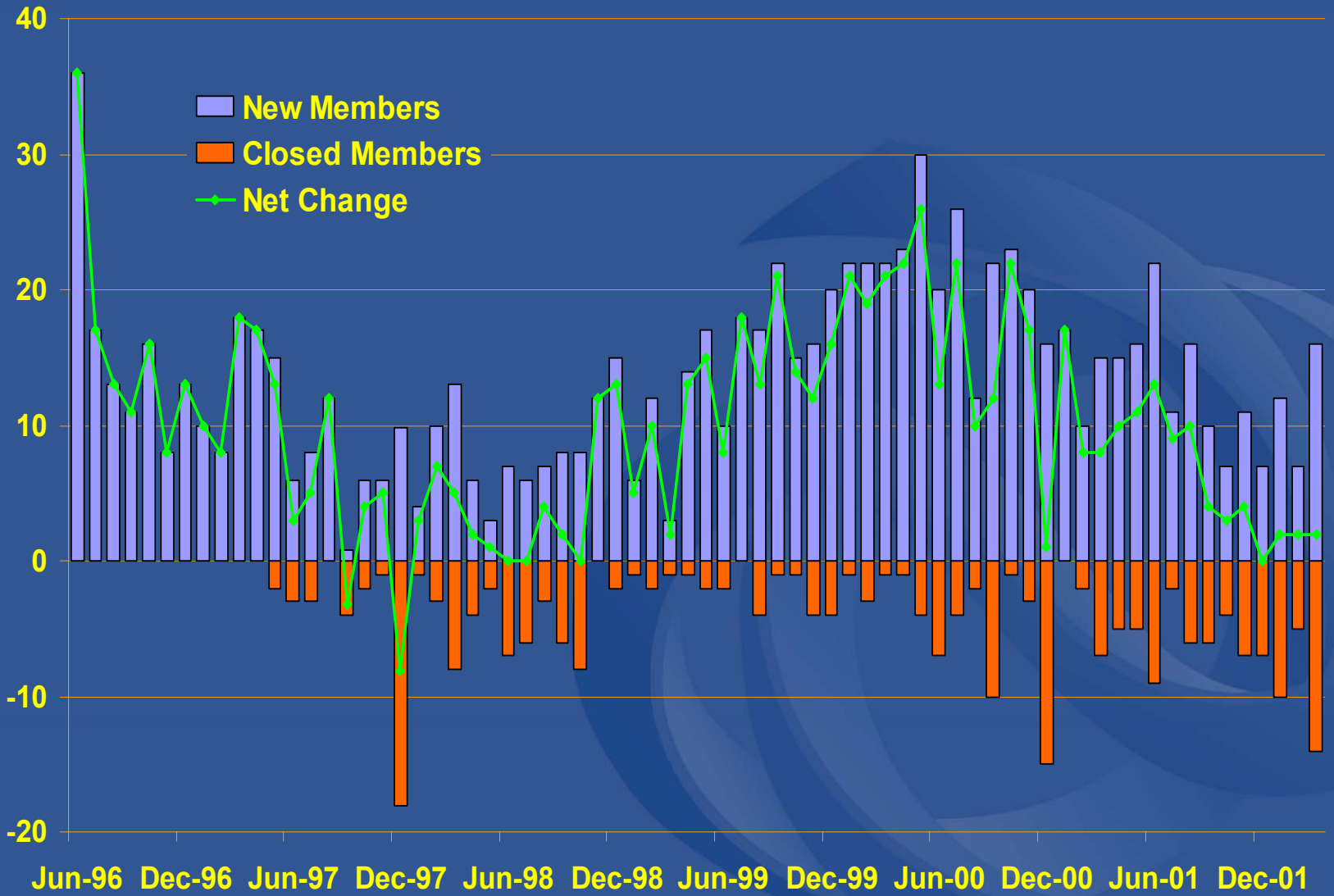
APNIC Update

Membership

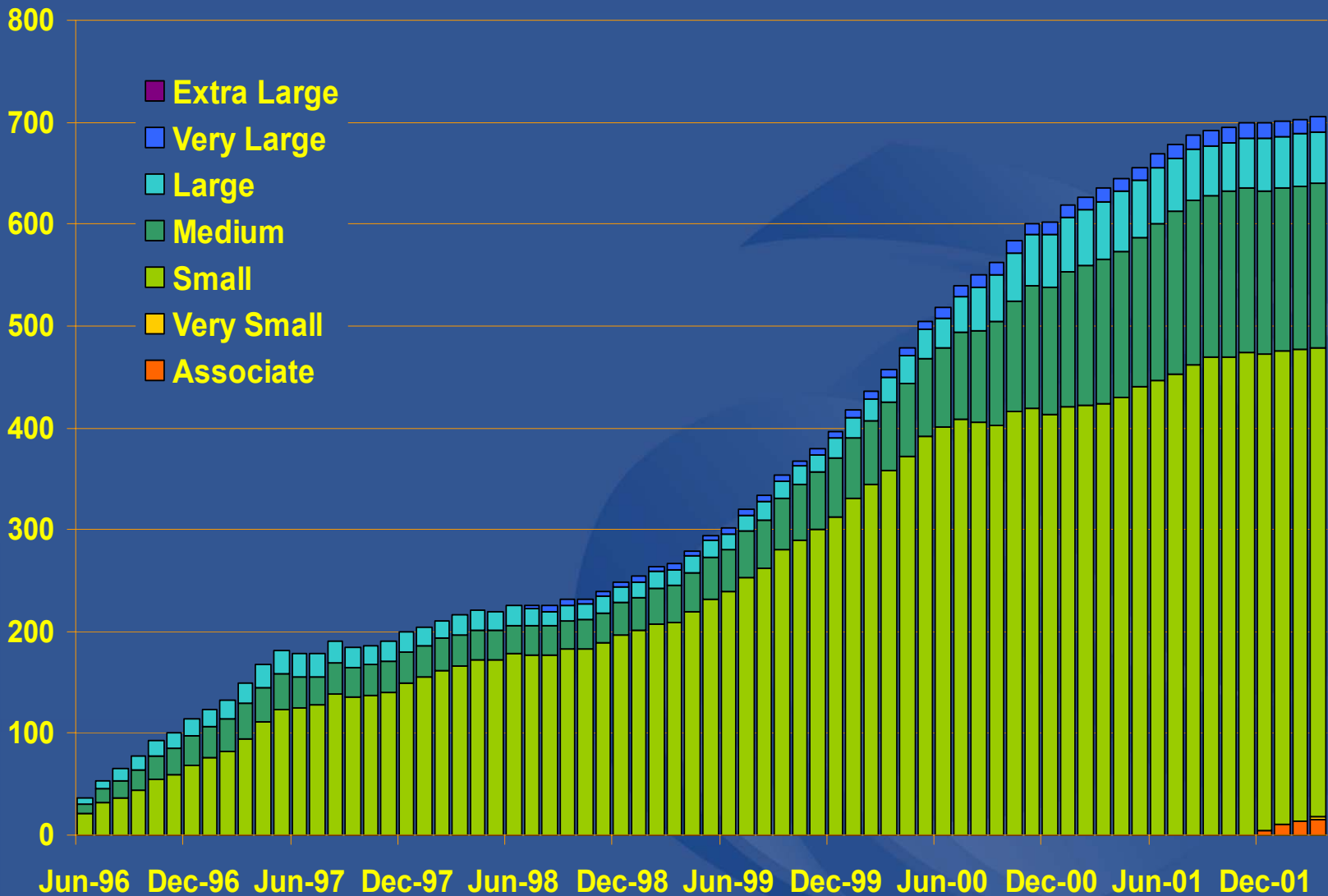
APNIC Region



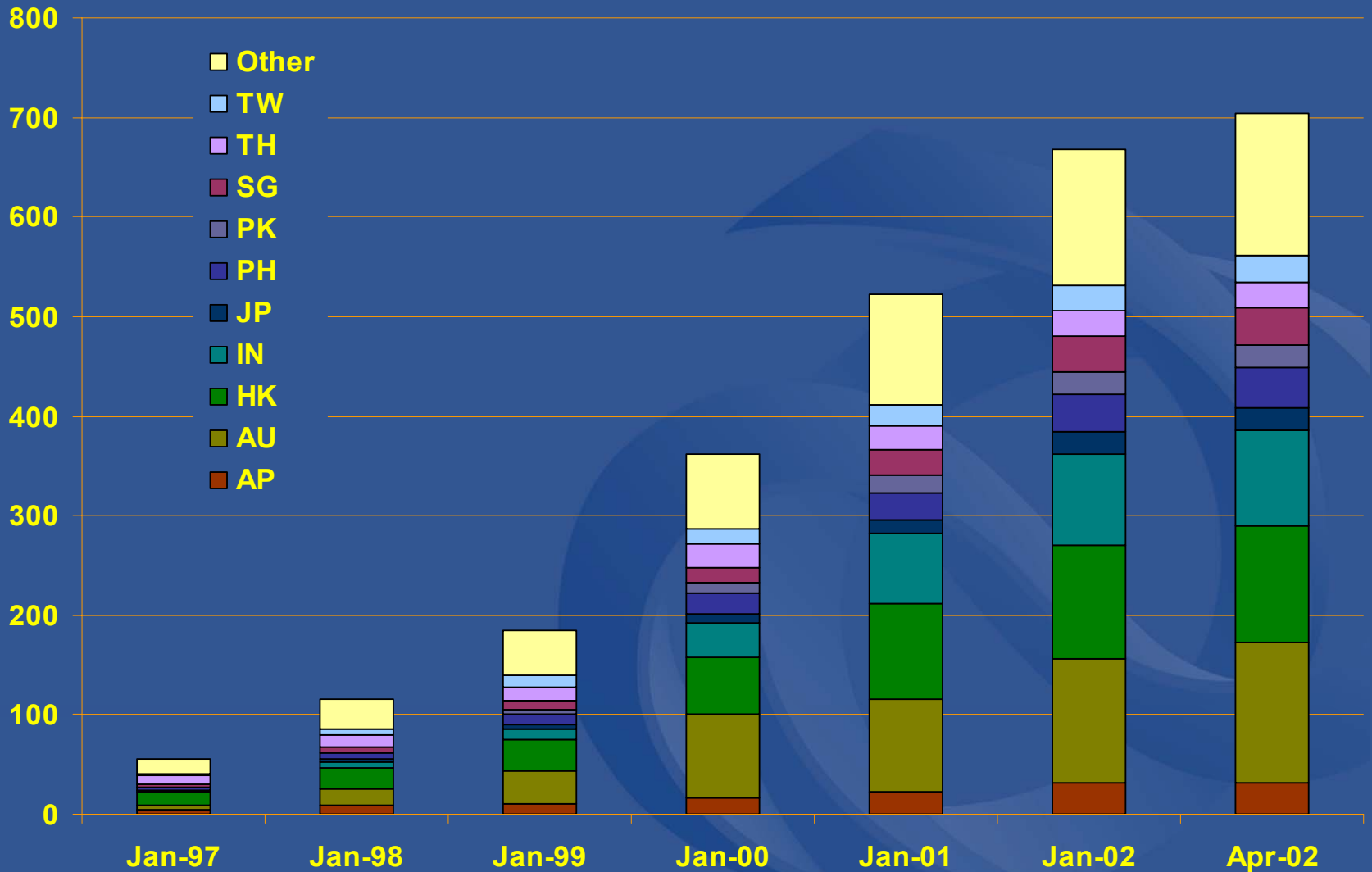
Membership Growth



Total Membership



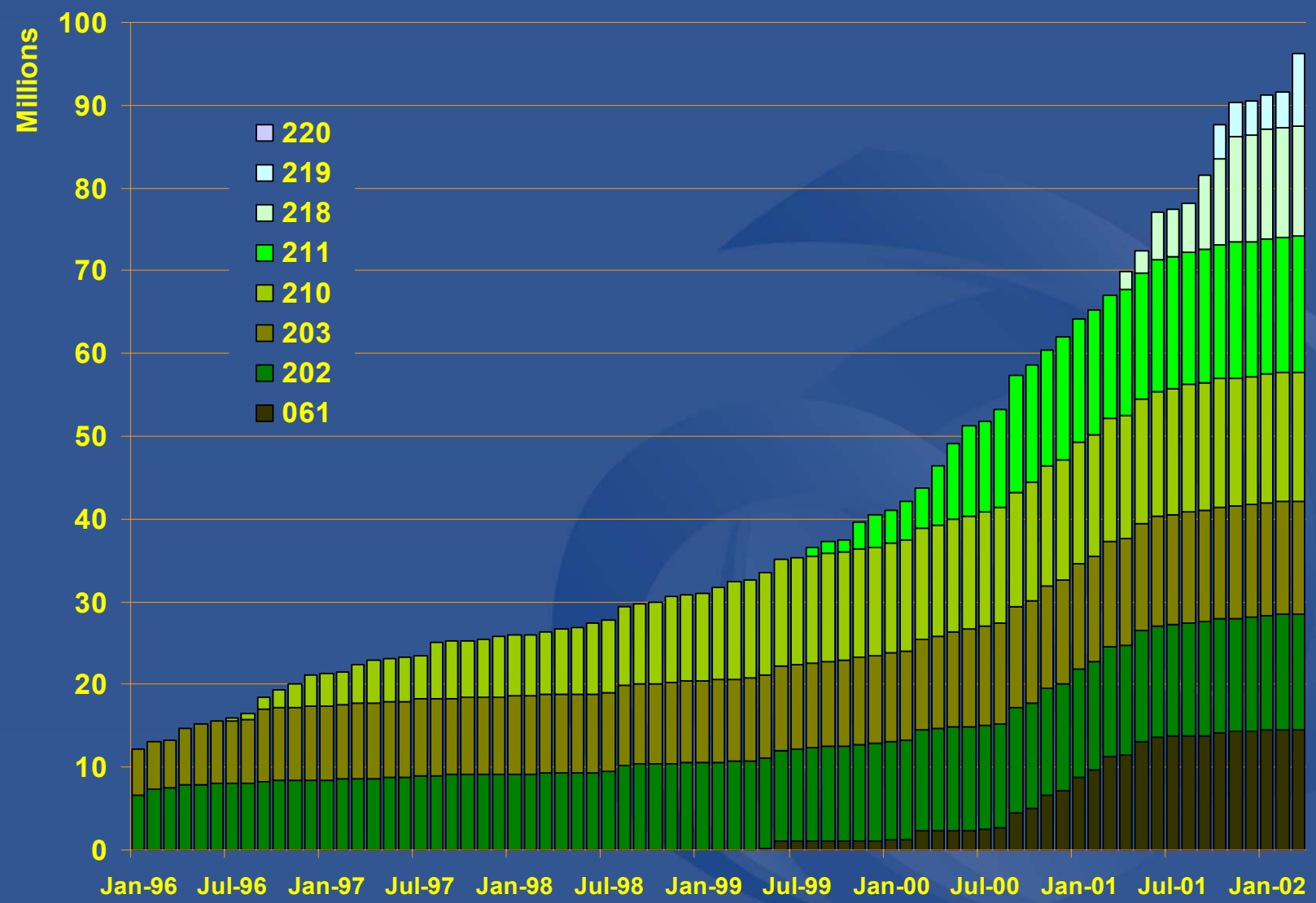
Membership Distribution



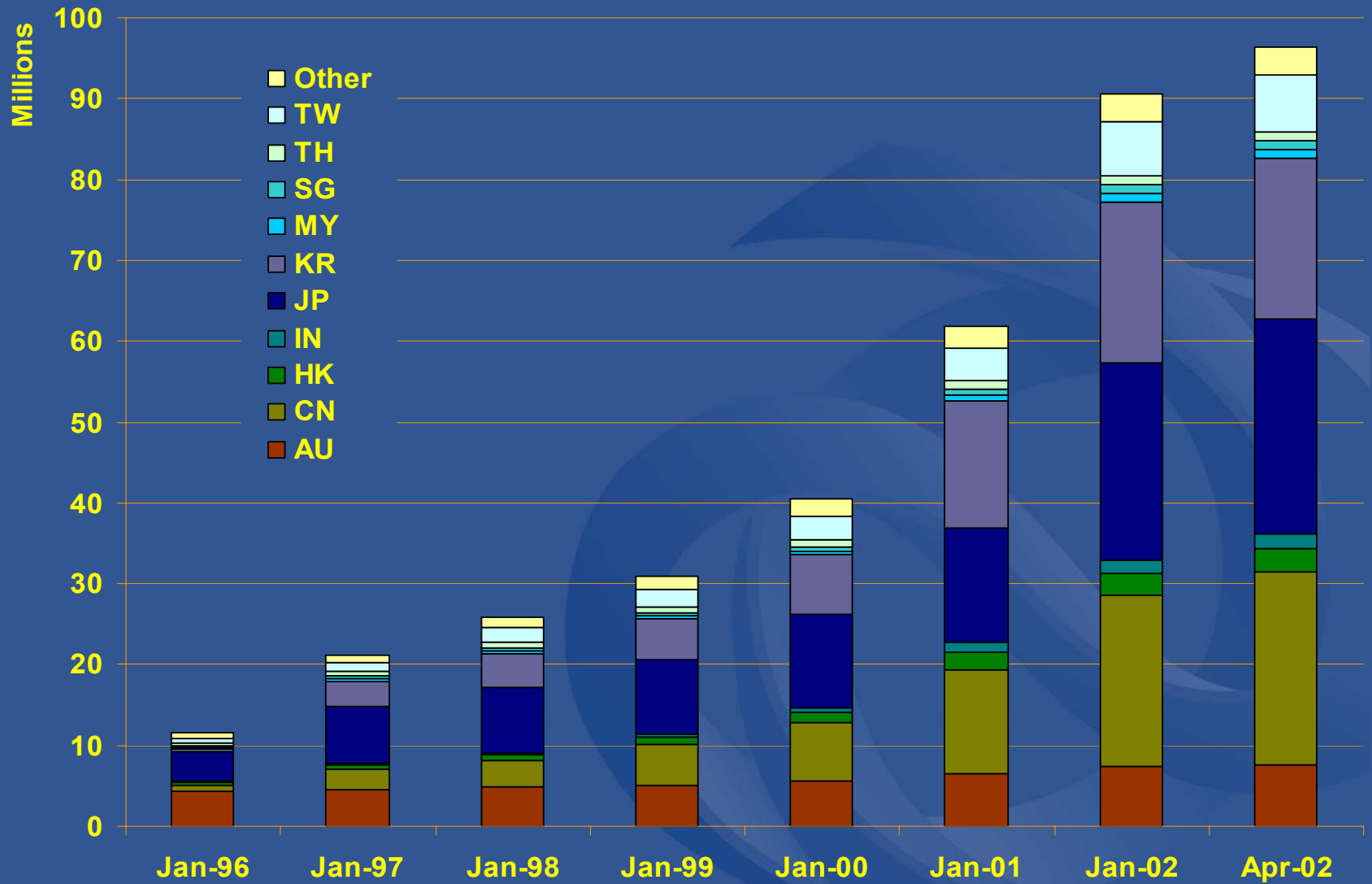
APNIC Update

Resource Services

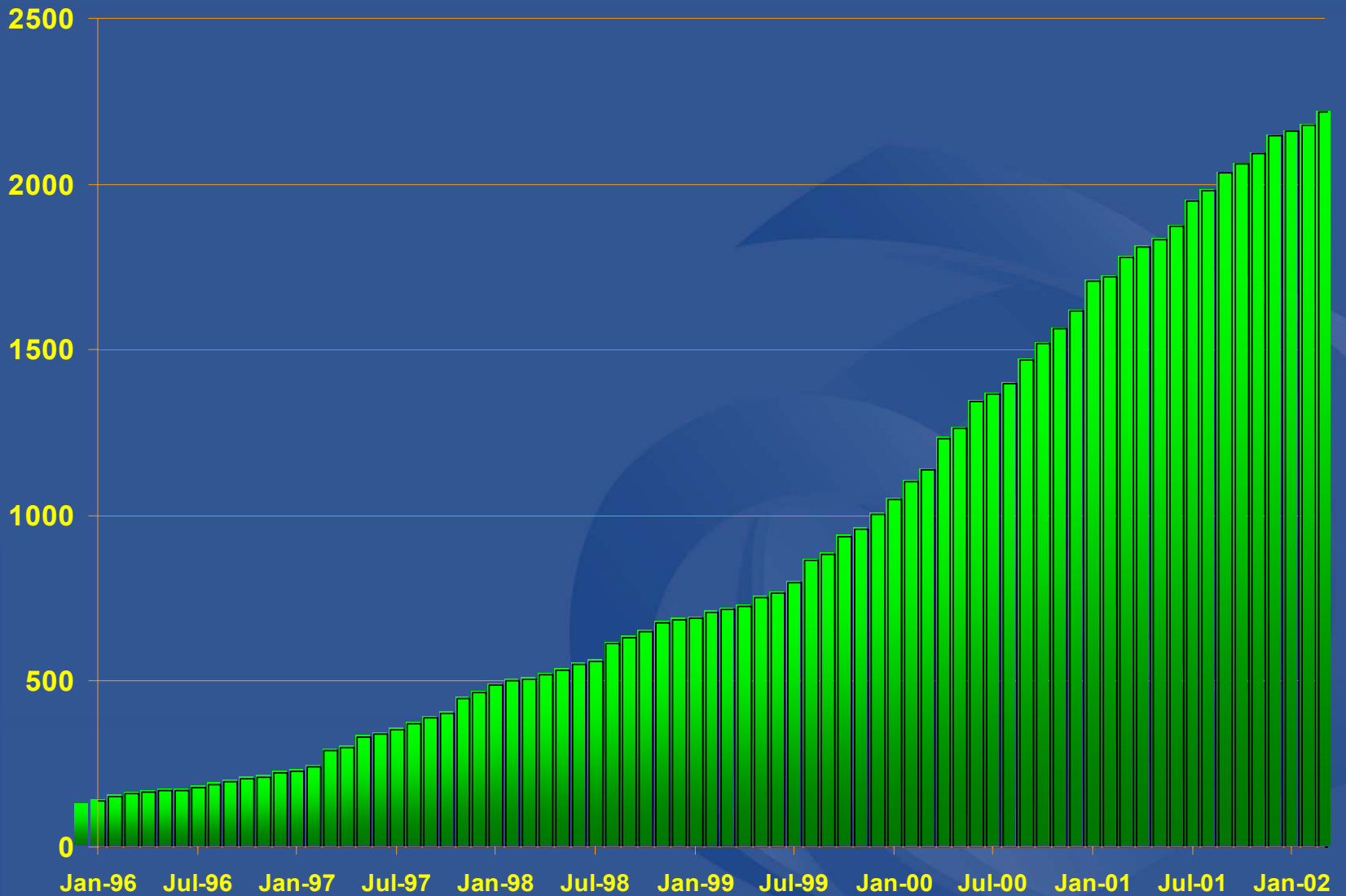
Total IPv4 Allocated



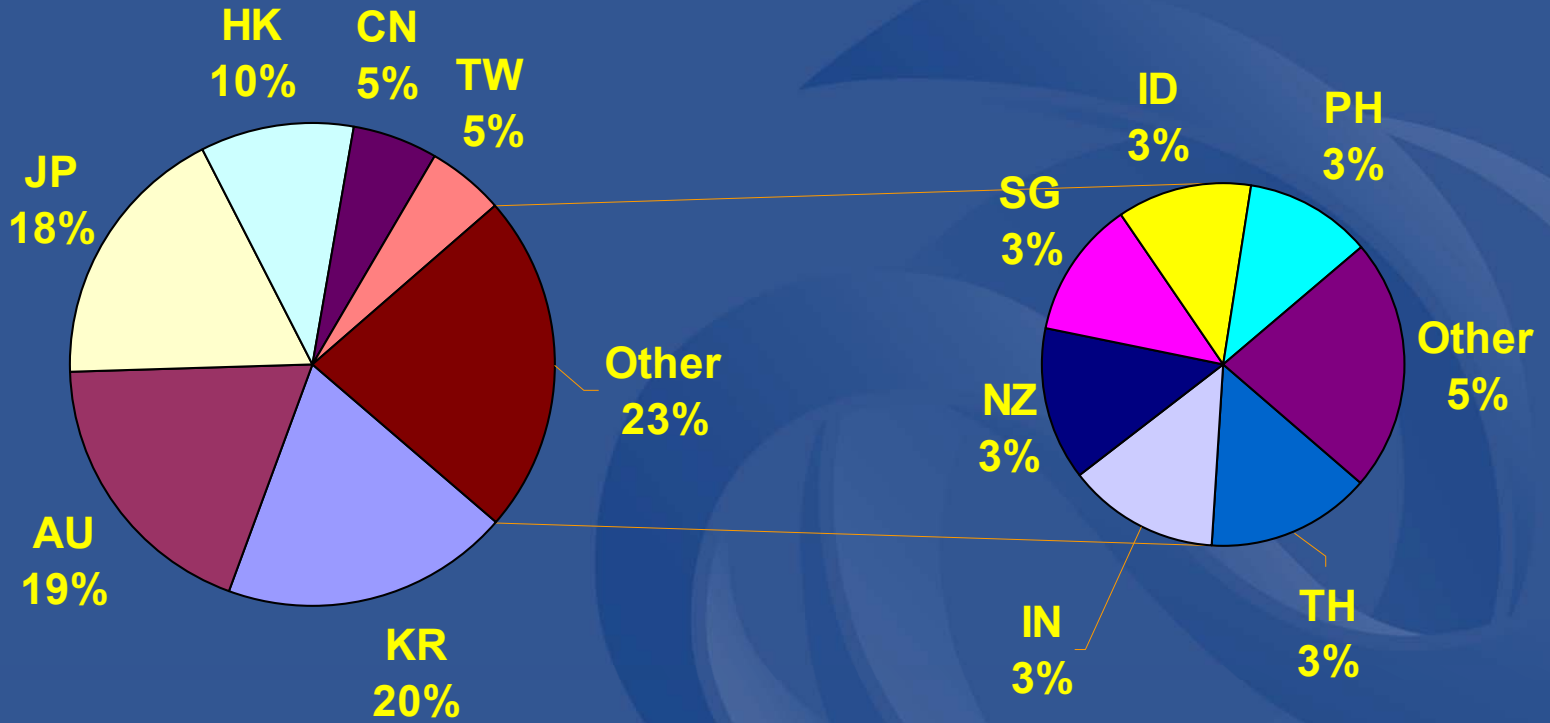
IPv4 Distribution



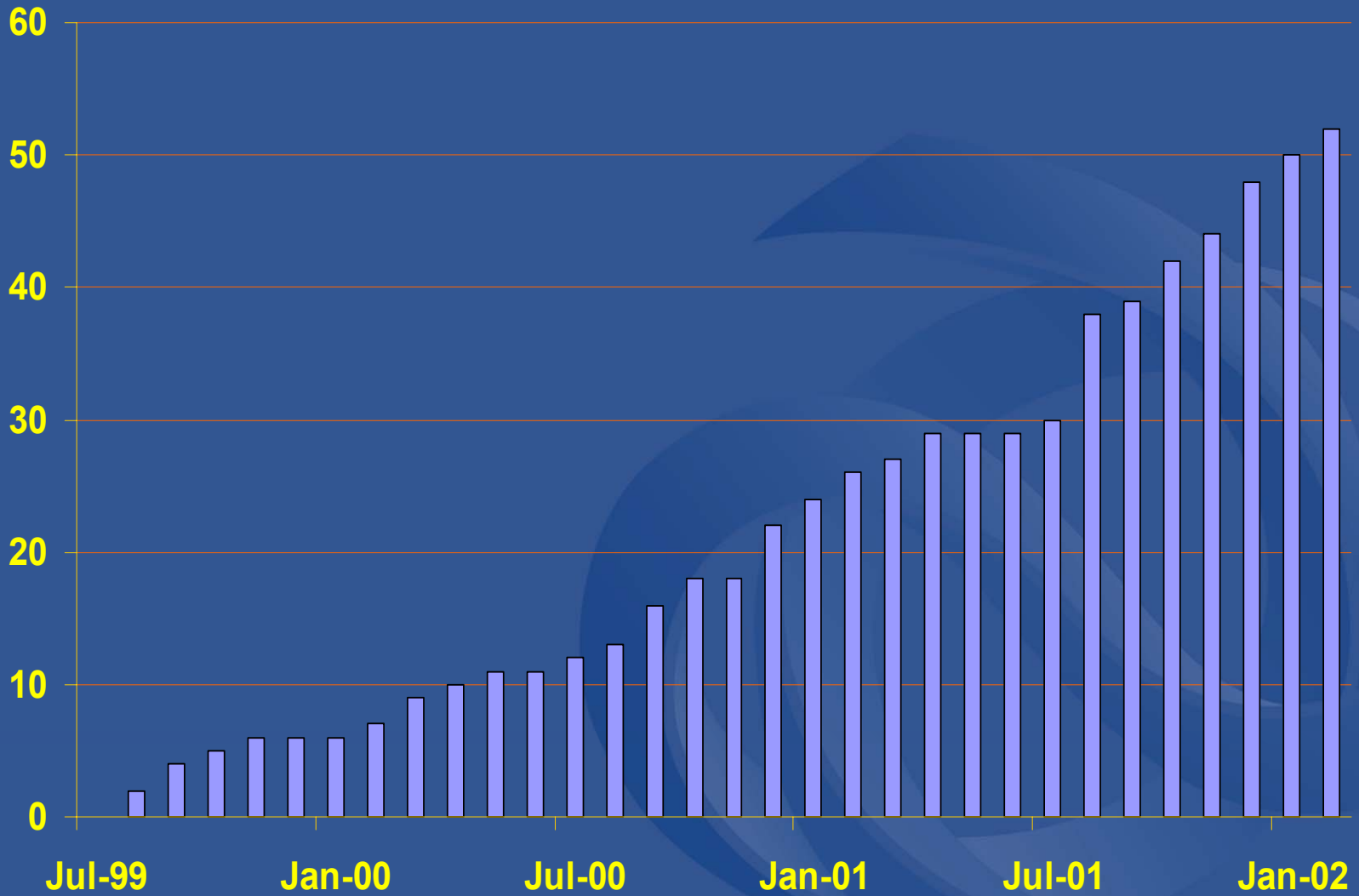
Total ASNs Assigned



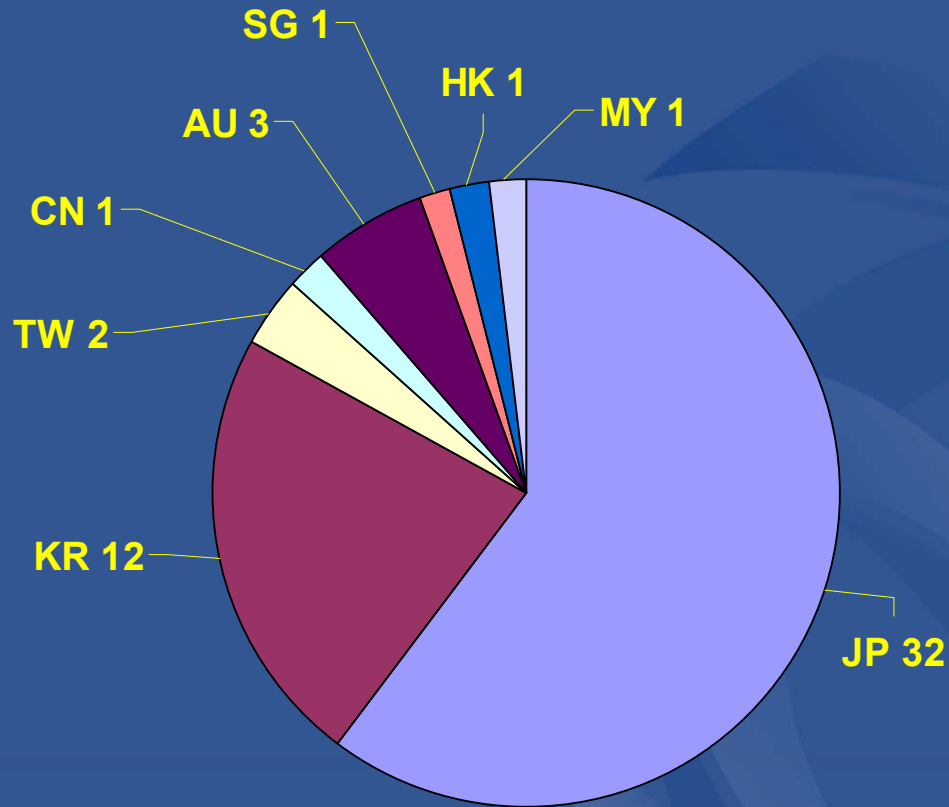
ASN Distribution



IPv6 Prefixes Allocated

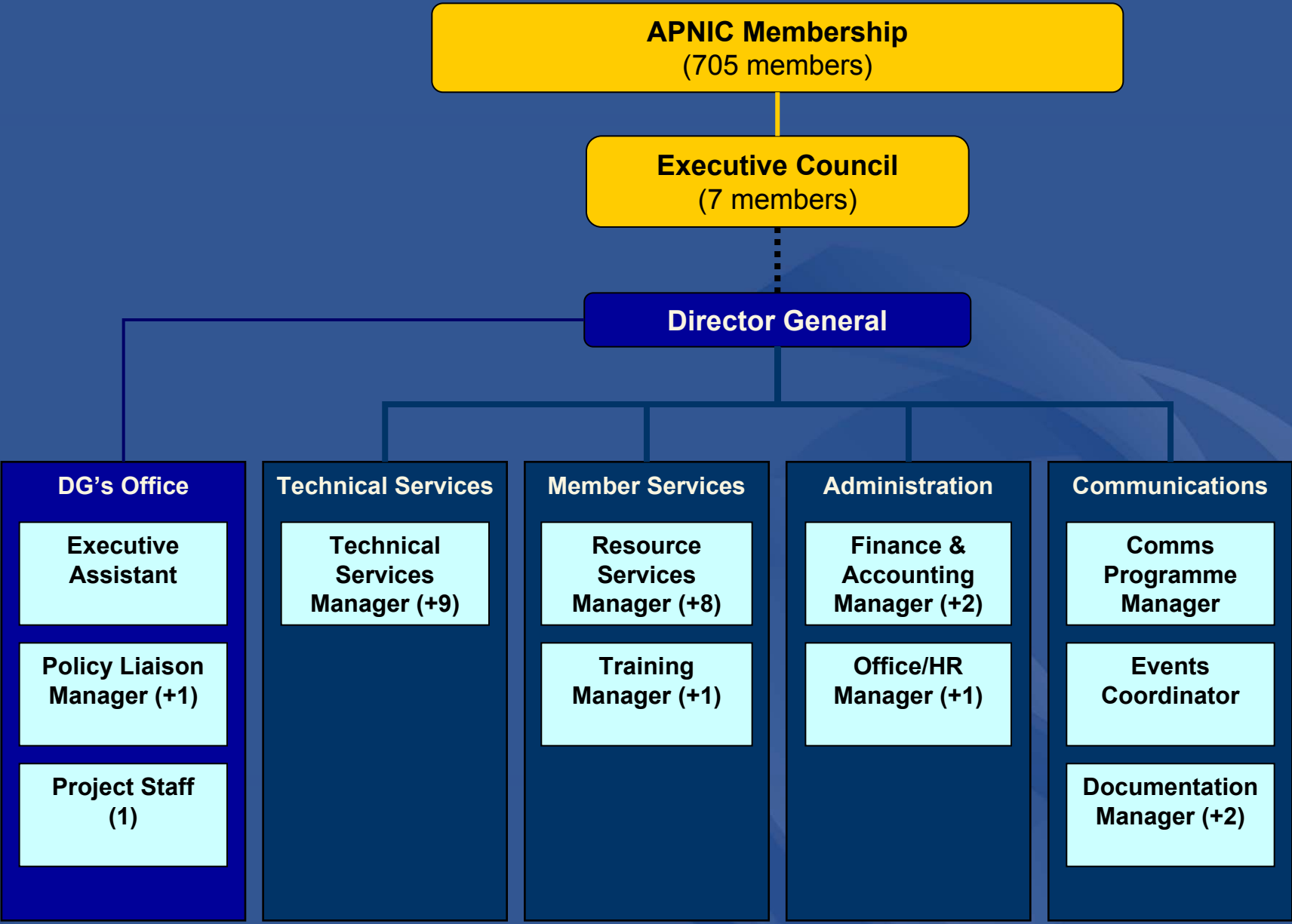


IPv6 Address Distribution



APNIC Update

Human Resources



APNIC Update

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

my APNIC

Asia Pacific Network Information Centre

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:

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>

APNIC Update

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

APNIC Update

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!

APNIC Update

Questions?