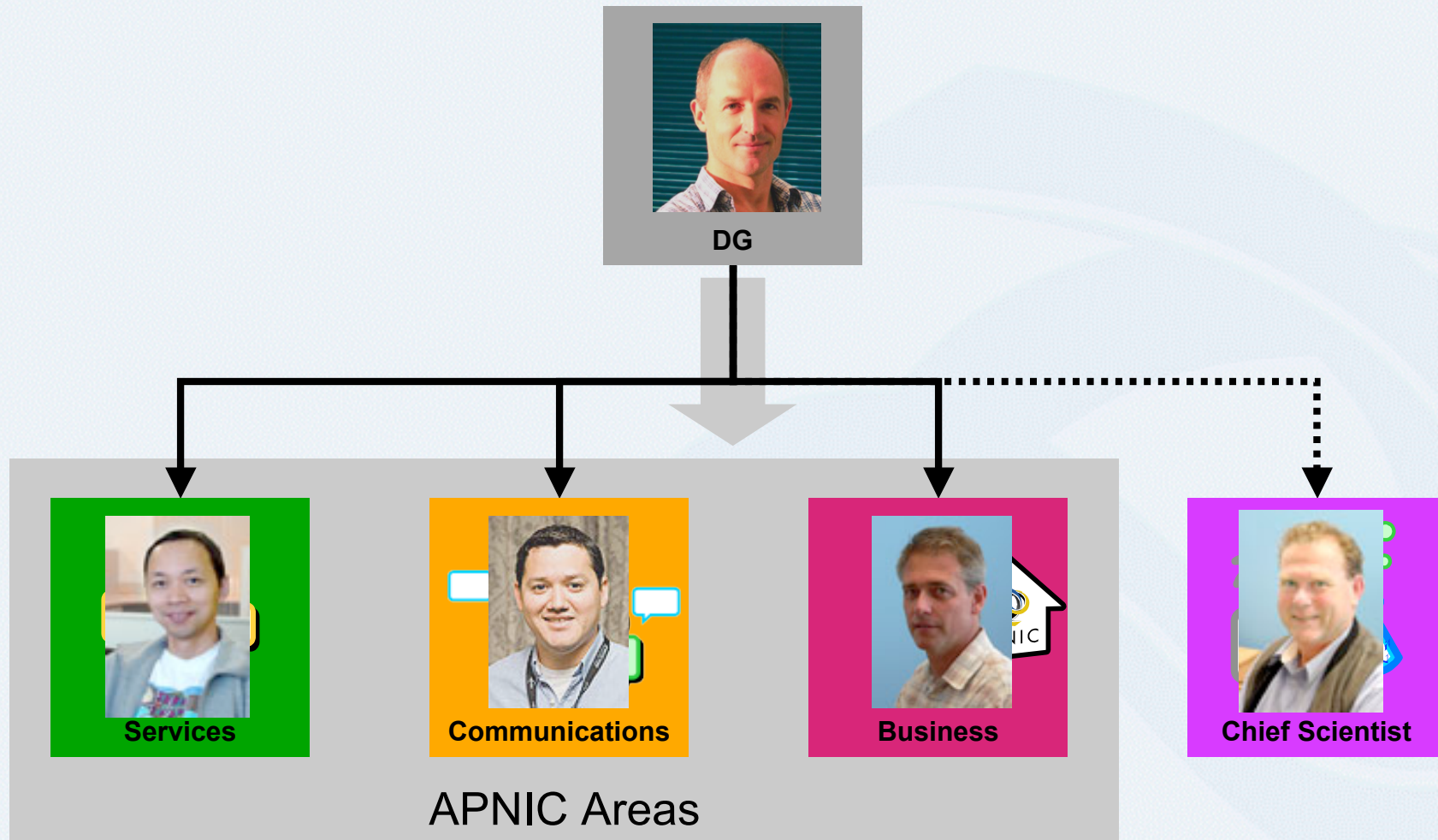


APNIC service commitment: Now and into the future

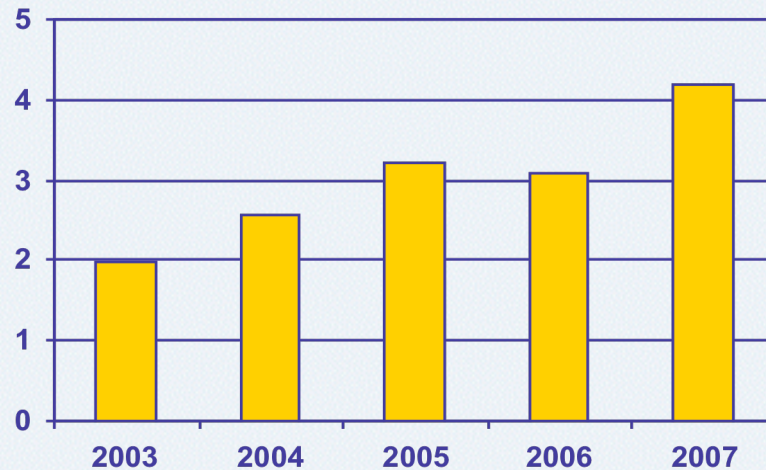
PacNOG 4
Port Vila, Vanuatu
30 June 2008

APNIC structure - 2008

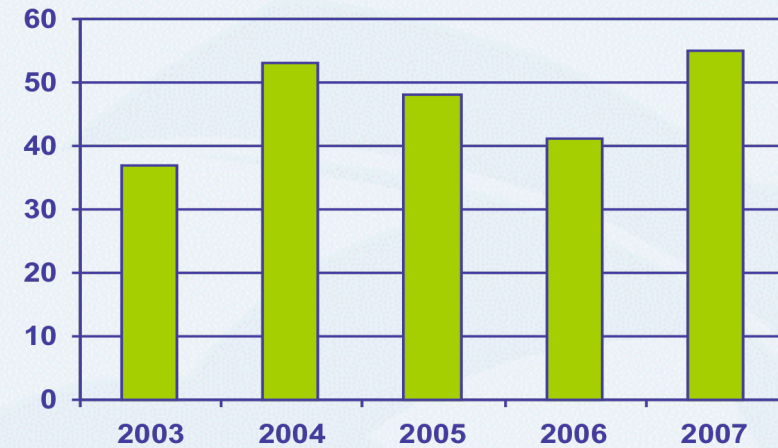


APNIC resource services

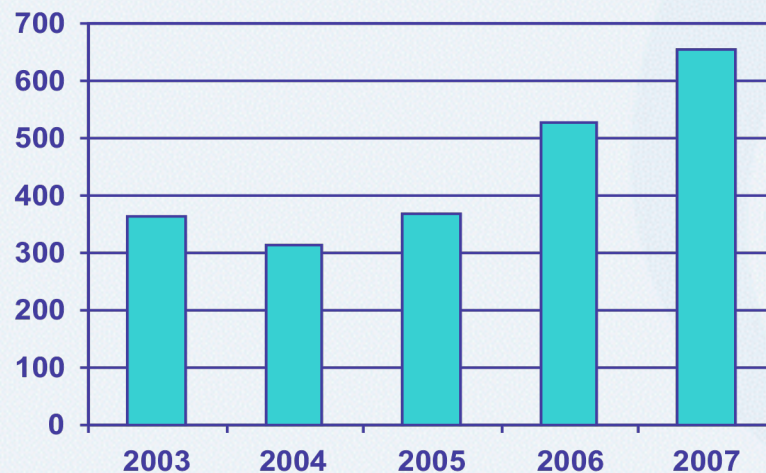
IPv4 - /8s



IPv6 - Prefixes



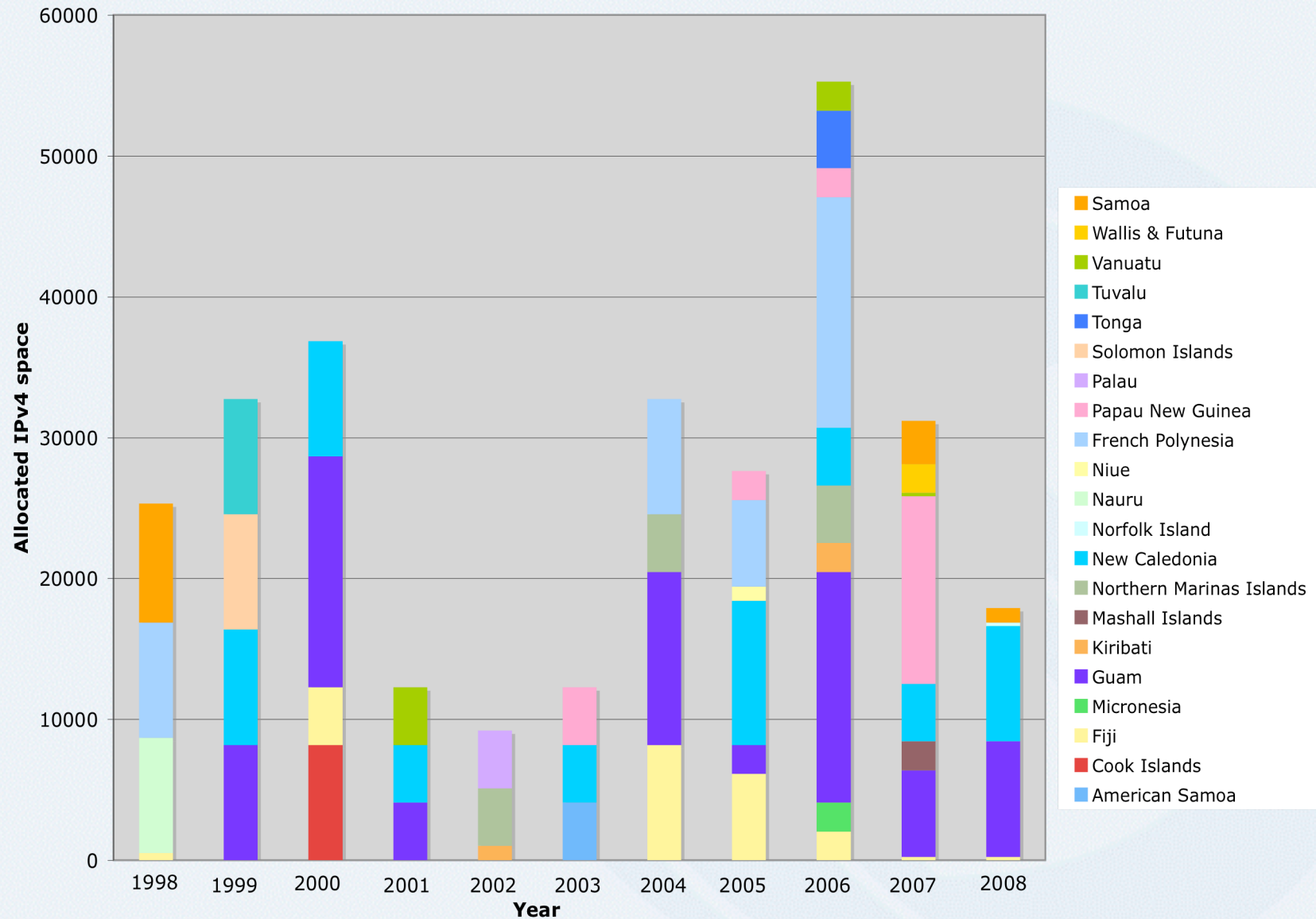
ASNs - Total



Members - Total



IPv4 address space within Pacific



IPv6 activities

- Goal for 2008: Full support for IPv6
 - Mostly done or well underway by now
- Resource services
 - Improve support for IPv6 requests and request management
 - DNS (ip6.arpa) management
- Online services and connectivity
 - DNS servers, websites, MyAPNIC etc
 - Dual stacks
 - Better IPv6 connectivity
- Communications
 - Training, Information, 'Promotion'...

Recent policy changes

Policy	Change	Status
Changing minimum IPv4 allocation size to /22	Change of minimum IPv4 allocation size from /21 to /22	To be implemented 4 August
NIR operational policy document revision APNIC-103-v001	Section 3.4 updated to reference reverse DNS delegations in ip6.arpa and simplify description processes for delegating reverse zones	To be implemented 4 August
IPv6 initial allocation criteria change (section d)	Be existing LIR which makes IPv6 assignments or sub-allocations to other organisations and announce allocation within two years	To be implemented 4 August

<http://www.apnic.net/docs/policy/proposals/index.html>

IPv4 initial allocation criteria change

- 1a. Have used a /24 from upstream provider
OR
- 1b. Show immediate need for /24
- 2. Detailed plan for use of /23 within 1 year
- 3. Renumber to new space within 1 year

Current discussions - need your input

Proposal	Change	Overview
Prop-050	IPv4 resource transfers	Recognise transfer of IPv4 address space between APNIC members, and for it to be accurately registered
Prop-059	Using resource public key infrastructure (RPKI) to construct validated IRR data	APNIC publish new IRR containing route objects generated from route object authorizations in RPKI. Open source tool enabling network operators to generate their own IRR publication points
Prop-060	Change in the criteria for the recognition of NIRs in the APNIC region (APNIC-104)	NIR application may not need government's endorsement. Put through voting process to achieve support

<http://www.apnic.net/docs/policy/proposals/index.html>

APNIC meetings - what's next...

- APNIC 26
 - Christchurch, New Zealand
 - 25 - 29 August 2008
- APNIC 27
 - With APRICOT 2009, Manila, Philippines,
 - 23 - 27 February 2009
- All invited !!!
<http://www.apnic.net/meetings>

APNIC 26 highlights

- Great workshops and tutorials!
 - Training
 - Plan your IPv6 deployment
 - Network forensics
 - Seminars
 - IPv4 in 2015: Black markets, regulated transfers or totally redundant?
 - Internet governance hui
 - Interesting presentations
 - And much more...

APNIC meeting remote participation

- Contribute on the public mailing lists
 - <http://www.apnic.net/community/lists/index.html>
- Participate remotely
 - Participate in discussions, ask questions to the presenter, voice your opinion through jabberchat
 - Webcast, podcast, live transcripts
 - <http://www.apnic.net/meetings/remote/>

Thanks