

# APNIC Update

AfriNIC 12, Kigali

2 June 2010

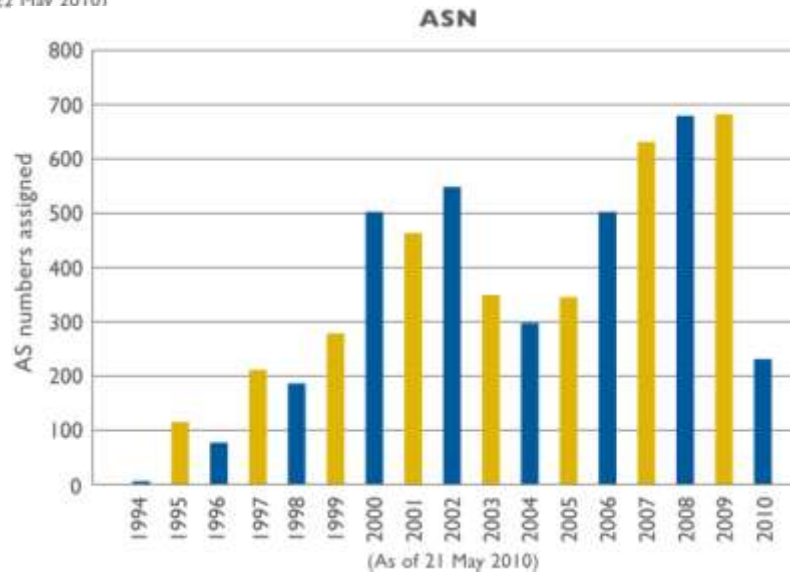
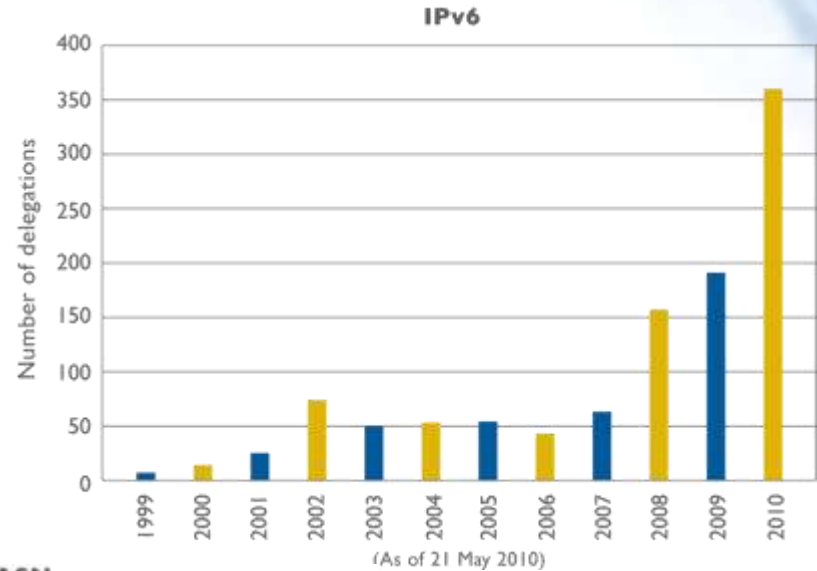
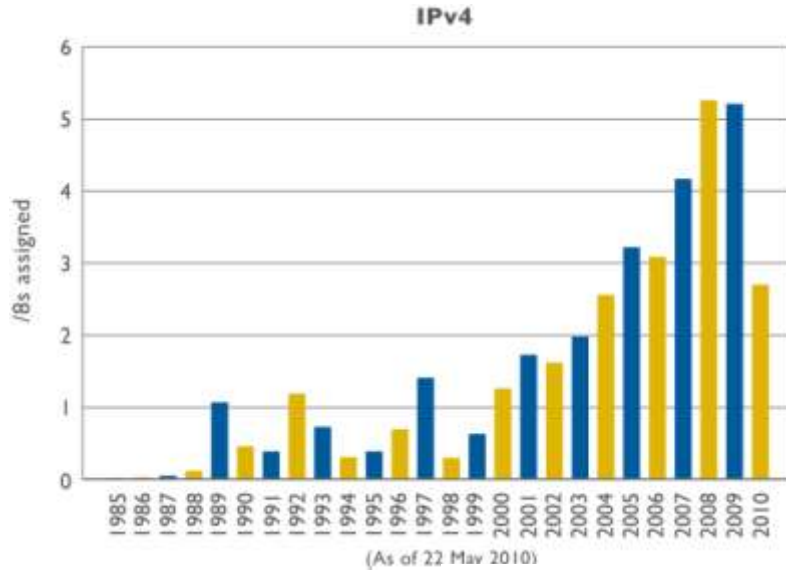
Sanjaya

Services Director, APNIC

# Overview

- Services Update
- APNIC 29 Policy Outcomes
- APNIC Activities
  - R&D
  - Technical Developments
  - IPv6 Program
  - Training
- Other News
- Upcoming meetings

# Resource Delegations



# APNIC Service Levels

- **Membership** total: 2,264
- 2009 highest number of new Members: 416
- March 2010 was the largest month on record for **new membership** applications/approvals
  - 54 new accounts
- APNIC now averages 1,400+ per month **Helpdesk** enquiries, a growth of over 55% in the last year
- Total MyAPNIC users: 2400

# Member Services

- CA2
  - Automated certificate renewal (MyAPNIC)
  - Manage contacts without a digital certificate
- Resource Quality Assurance Initiative
  - APNIC tests all IANA allocations prior to distribution
  - 27.0.0.0/8 and 1.0.0.0/8 tested
  - 1.0.0.0/8 public report available
  - Testing preparations for to 14.0.0.0/8 and 223.0.0.0/8

# APNIC 29 Policy Outcomes

Proposal	Title	Overview
<b>Prop-079</b> Reached Consensus	Abuse contact information	This is a proposal to introduce a mandatory abuse contact field for objects in the APNIC Whois Database to provide a more efficient way for abuse reports to reach the correct network contact.
<b>Prop-080</b> Reached Consensus	Removal of IPv4 prefix exchange policy	This is a proposal to remove the policy that currently permits resource holders to return three or more noncontiguous IPv4 address blocks and have the prefixes replaced with a single, larger, contiguous block.
<b>Prop-082</b> Reached Consensus	Removing aggregation criteria for IPv6 initial allocations	This is a proposal to remove the aggregation requirement from the IPv6 initial allocation policy.

# Last Policy and Fee Changes Implementations

Proposal	Title	Overview
<b>Prop-050</b>	IPv4 address transfers	This policy removes APNIC policy restrictions on the transfer of registration of IPv4 address allocations and IPv4 portable address assignments between current APNIC account holders.
<b>Prop-073</b>	Simplifying allocation/assignment of IPv6 to APNIC Members with existing IPv4 addresses	IPv6 Kickstart: Available from the public and MyAPNIC websites as a simple, one-click application for current IPv4 address holders to obtain an appropriately sized block of IPv6 addresses.

<http://www.apnic.net/policy/proposals>

- New Fee Schedule, implemented January 1 2010
- 50% discount for Least Developed Countries

# Research and Development

- Routing research
- RPKI (joint with other RIR/NRO)
- DNS service dynamics
- DNSSEC implementation
- Expanded network measurement/monitoring
  - Test Traffic Measurement (TTM)
  - 'Day In the Life of the Internet' (DITL)
    - 3.4Tb of data collected over 3 days in 2010



# Technical Developments

- DNSSEC
  - Phase 3: allow APNIC members to add their reverse DNS zone's DS record, through MyAPNIC
- Resource Public Key Infrastructure (RPKI)
  - Web services interface with external systems
  - Secure channel for updating Member reverse delegations
  - Will be used to link Member DNSSEC signed zones to APNIC DNSSEC signed zones

# IPv6 Program Update

- 10% Media Campaign (with IANA)
  - About 7% IPv4 remaining
- Kickstart IPv6
  - Implemented 10 Feb 2010
  - Total allocations since Feb 2010: 275
- IPv6 events:
  - Philippines CIOF IPv6 Event; 16 April
  - APEC TEL41, Taipei; 8 May
  - Indonesia IPv6 Summit, Bali; 8-9 June
  - CommunicAsia 2010; 15-18 June

# Training and Education

- Face-to-face training
  - Fully equipped Training lab (IPv6 supported)
- Online Interactive eLearning Web classes
  - Two training courses offered every month
- Online self-paced modules
  - Supplements other modes
- Training through collaboration
  - 6Deploy, Team Cymru, IntERLab

# Other APNIC News

- Community Consultation, APNIC 29
  - Panelists' perspectives: ITU, Developing economies, ICANN
  - Extended comment session
  - Formal submission to ITU IPv6 Group
- Upcoming events
  - WTDC, India; 24 May – 7 June
  - Asia Pacific Regional IGF, Hong Kong; 14 June

# New Building

- Lower operating costs
- Size and location suits APNIC's future needs



[Google Map Location](#)

# Next APNIC Meeting



APNIC 30

24 - 27 August 2010, Gold Coast, Australia



- APNIC 30 Gold Coast, Australia
  - Participate remotely via webcast, audio streaming, live transcripts.

**<http://meeting.apnic.net/30>**

# More APNIC Meetings..

- APNIC 31 and APRICOT 2011
  - Hong Kong
  - 21 to 25 February
  - Joint meeting with APAN
- APNIC 33 and APRICOT 2012
  - 22 February – 3 March
  - Delhi, India

# Thank You

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