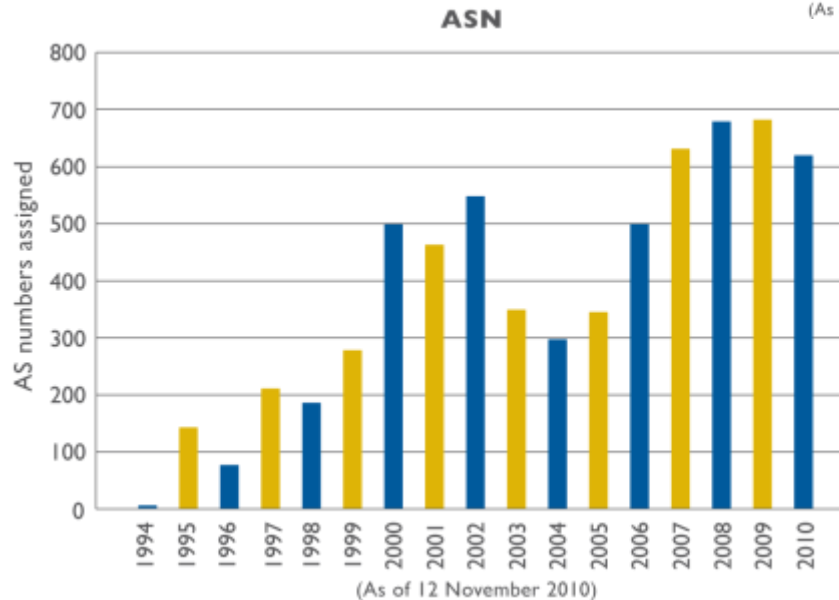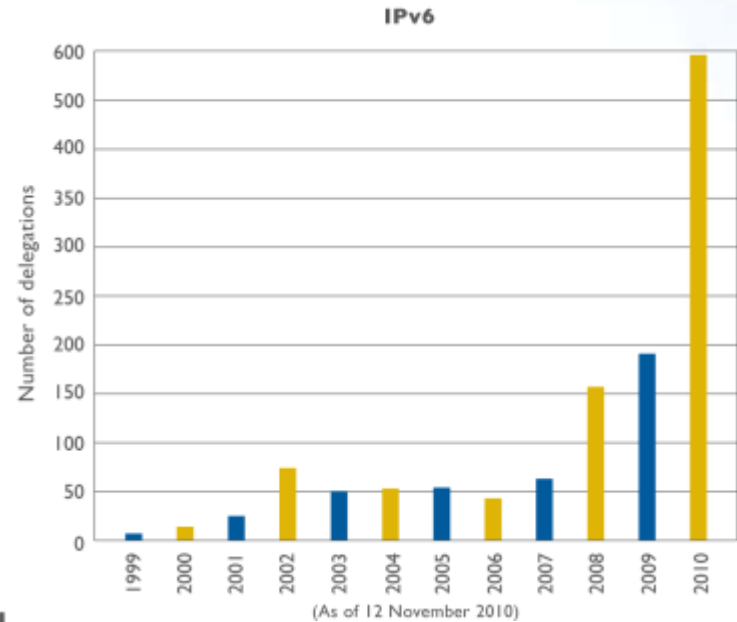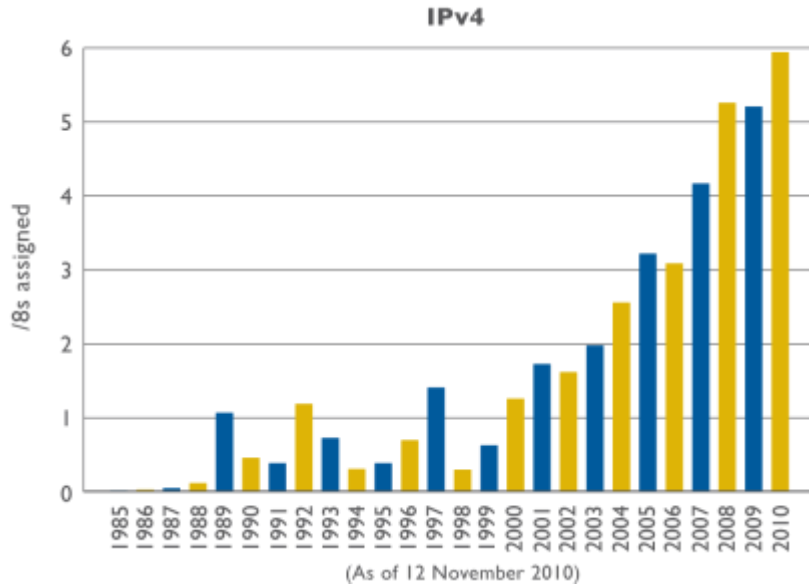# APNIC Update

AFRINIC 13

20-26 November 2010

Johannesburg, South Africa
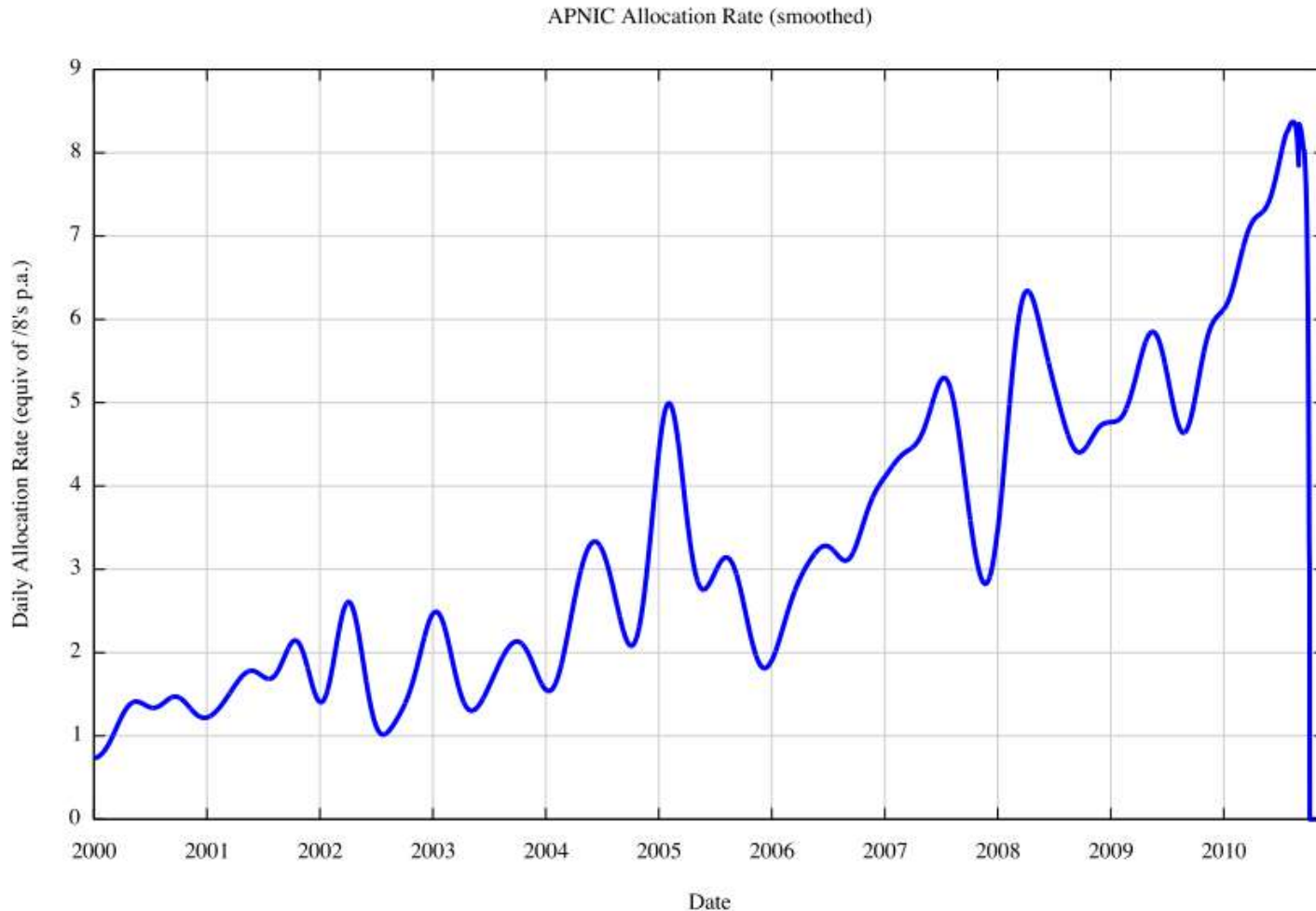
George Kuo

Member Services Manager, APNIC

Resource Delegations

A Closer Look at APNIC's IPv4 Allocations

APNIC Allocation Rate (smoothed)

Resource Services

IPv4 requests still strong (5.94 x /8)

- Mobile, wireless, ADSL networks
- Growth economies: CN, KR, JP, IN, VN

Very high IPv6 take up

- 584 delegations in 2010 so far (188 in 2009)

Resource Quality Assurance

- APNIC tests all IANA allocations prior to distribution
- Outreach to network operators to remove outdated filters
- 36.0.0.0/8 and 42.0.0.0/8 being tested

Member Services

- APNIC Members: 2,432
  - New Members in 2010: 366
  - Growth over 300 for the last three years
- MyAPNIC
  - Totalusers: 3,180
  - Multiple accounts management
  - Streamlined CA process
- Helpdesk
  - Email, Phone, VoIP & Chat
  - Extended hours from 9 am – 9 pm

APNIC Policy Updates

Proposal	Title	Overview
Prop-079 Implemented 8 Nov 2010	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.
Prop-080 Implemented 5 July 2010	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.
Prop-082 Implemented 5 July 2010	Removing aggregation criteria for IPv6 initial allocations	This is a proposal to remove the aggregation requirement from the IPv6 initial allocation policy.

No policy proposals reached consensus during APNIC 30

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

Research and Development

- Routing research
- RPKI (joint with other RIRs/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
  - IPv6 deployment measurement activities

Technical Developments

- New co-location facility in 'triangle architecture' for reliability and DRP
- DNSSEC running smoothly since April
- Implementing Agile software development methodologies

IPv6 Program Update

- APNIC is the new Secretariat for the Asia Pacific IPv6 Task Force (APIPv6TF)
- APNIC worked closely with APEC TEL WG on two IPv6 workshops this year:

  - Workshop on IPv6: Transforming the Internet, APEC TEL 41, Taipei, Taiwan

  - Workshop on IPv6: Securing sustainable growth of the Internet, APEC TEL 42, Bandar Seri Begawan, Brunei Darussalam

APEC TELMIN8 Ministerial Statement

APEC TELMIN8 held in Okinawa, Japan

- 30 – 31 Oct 2010
- Heads of the Ministries of information and communications

APEC TELMIN8 reiterates importance of IPv6 deployment in the Asia Pacific

- "*We recognize that the free pool of IPv4 addresses is expected to be exhausted around 2012, and **the transition to IPv6** will facilitate the achievement of **universal broadband access** in the APEC region. We support the **IPv6 Guidelines developed by TEL**.*"

Training and Education

eLearning Interactive

- Successfully offering two sub-regional training courses per month:
  - 20 eLearning web classes
  - 271 attendees

Flexible
Free
Accessible

APNIC eLearning

Learning in real time.

Internet Governance

- APNIC was one of the main organizers and sponsors of the first Asia Pacific IGF in Hong Kong.

- Co-hosted remote hubs in the Asia Pacific region in support of the IGF in Lithuania
  - Dhaka, Bangladesh
  - Manila, Philippines
  - Hong Kong SAR, China
  - Jakarta, Indonesia

New Building

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

Next APNIC Meeting

APNIC 31 / APRICOT 2011

February 21 – 25

Hong Kong SAR, China

http://meetings.apnic.net/31

More APNIC Meetings..

APNIC 32

- 29 August – 2 September
- Busan, South Korea

APNIC 33 and APRICOT 2012

- 22 February – 3 March
- Delhi, India

Thank You

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