

# Services Area Report

Sanjaya  
Services Area Director



# Key Deliverables

- Delivering Value
  - Resource delegation
  - Resource Quality Assurance
  - Member services
- Supporting Internet Development
  - DNSSEC
  - Root Server deployment

# Delivering Value



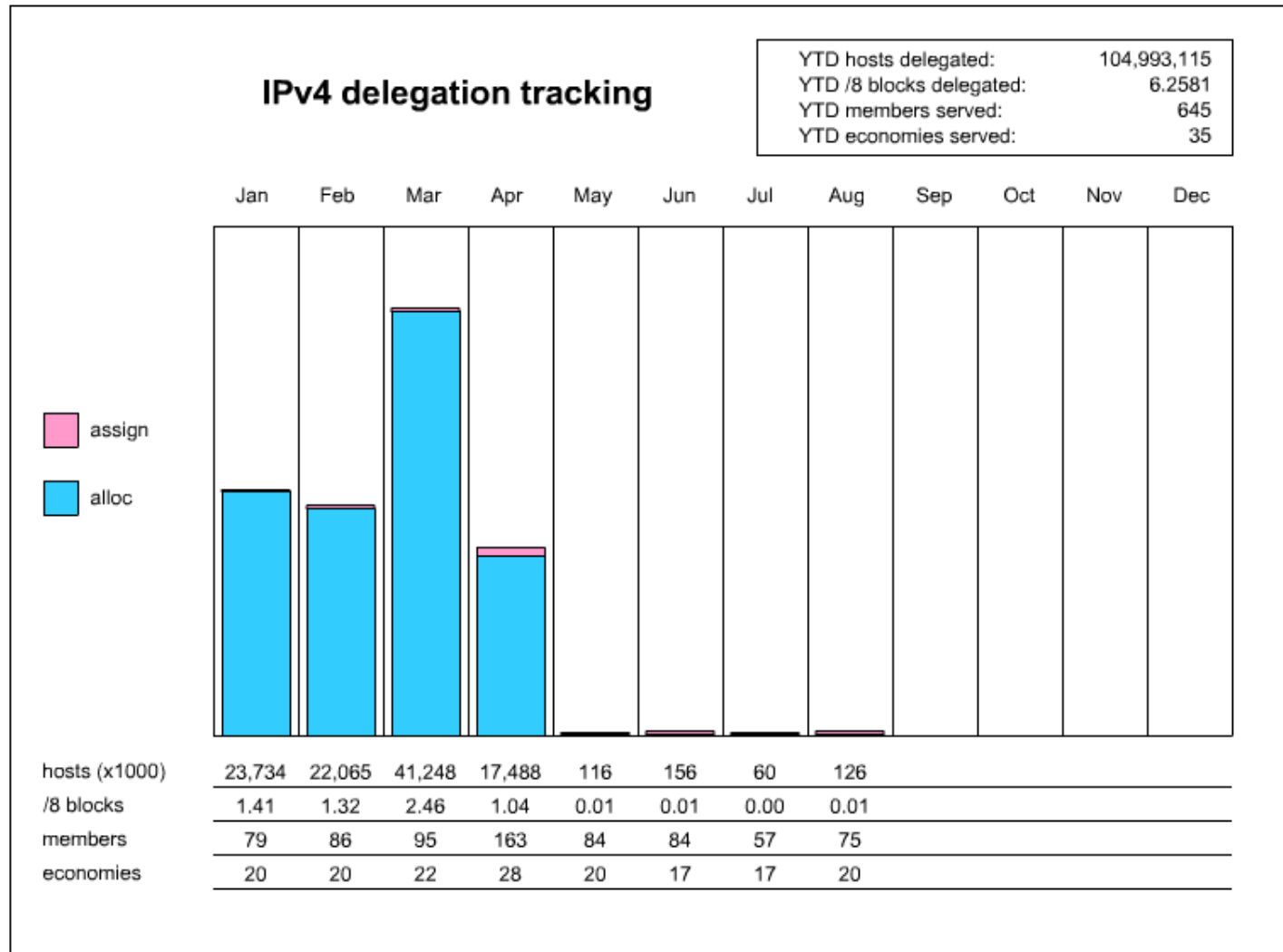
# IPv4 Exhaustion

- Now in Stage 3 as of 15 April 2011
- APNIC's last /8 block is 103.0.0.0/8
- Each account holder may receive a maximum of a /22 from APNIC's last /8 space
- From 15 April to 27 August 2011, made 583 delegations to 30 different economies

# IPv4 Exhaustion

- Returned IPv4 addresses will be redistributed under the last /8 policy
- IPv4 addresses will be available in limited quantities for a long time
- <http://www.apnic.net/ipv4-stage3-faq>

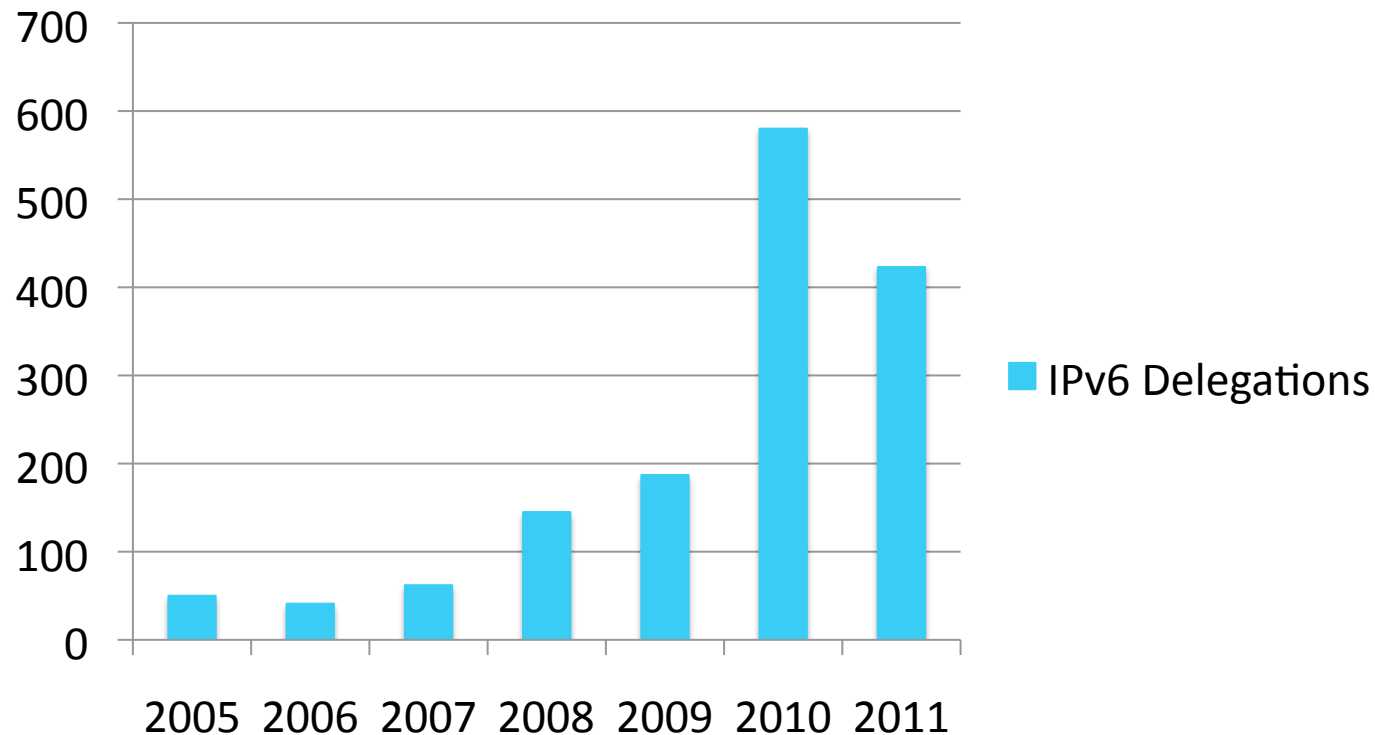
# IPv4 Delegations 2011



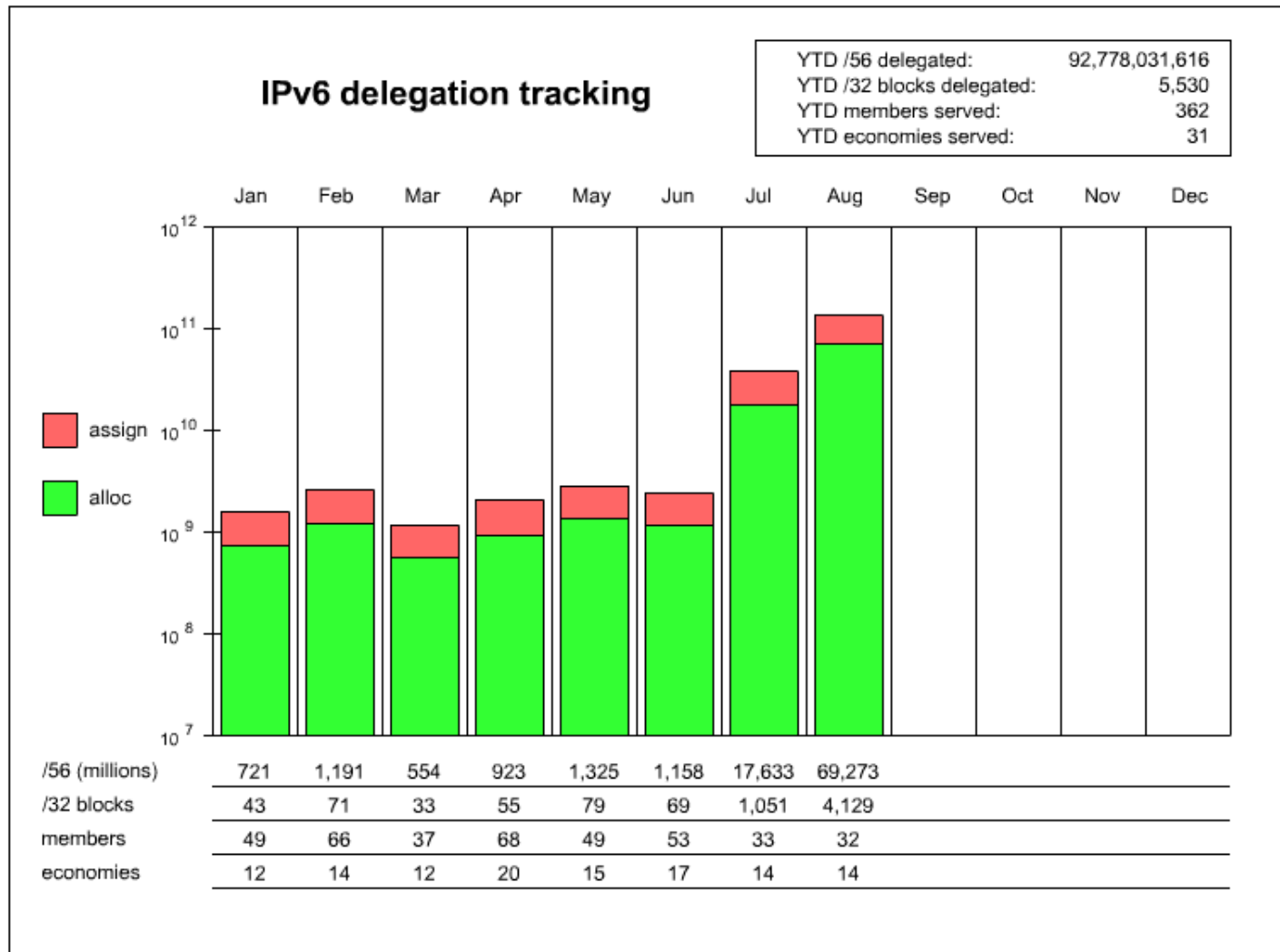
As of 26 August 2011

# IPv6 Delegations

- Continued strong growth in IPv6



# IPv6 Delegations 2011

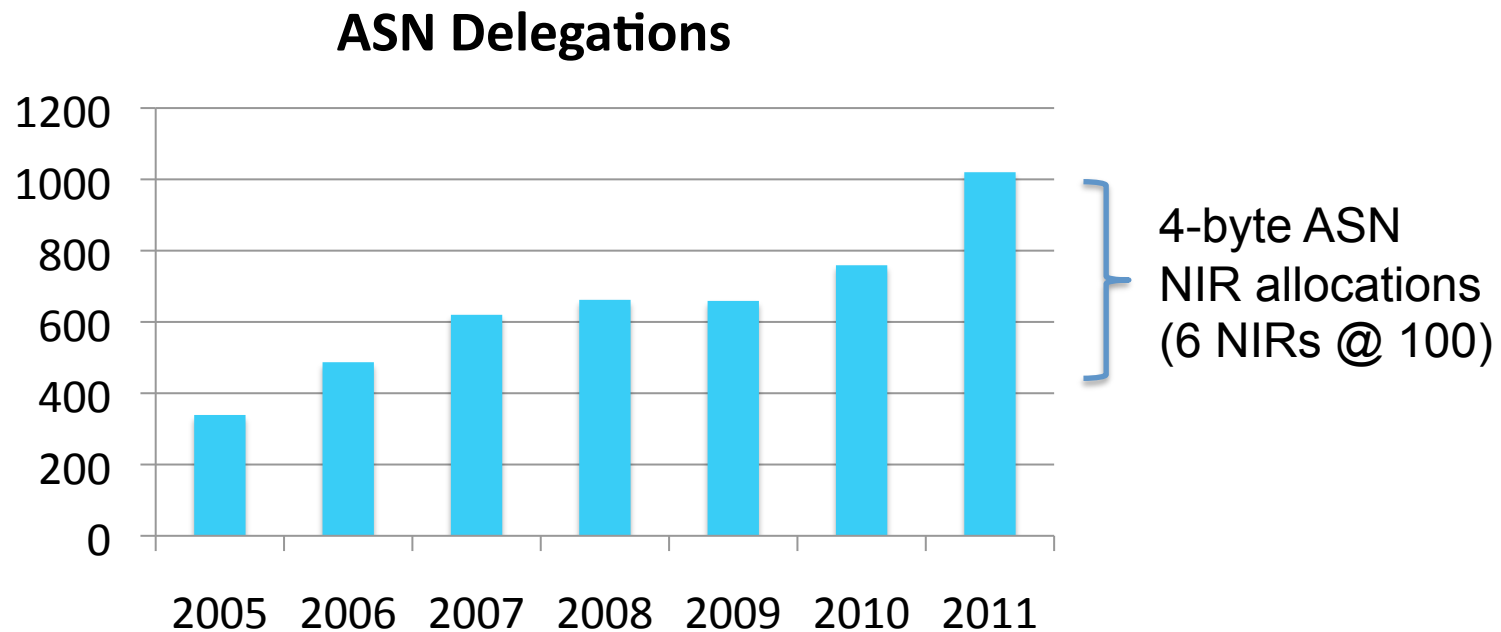


As of 26 August 2011



# AS Number Delegations

- Steady growth of AS delegations



# Resource Quality Assurance



- Minimizing routability problems
- Reachability testing designed by R&D to identify problems with blocks
  - Quarantined blocks retested every three months
- Responsibly filtering – keeping ACLs and filters updated

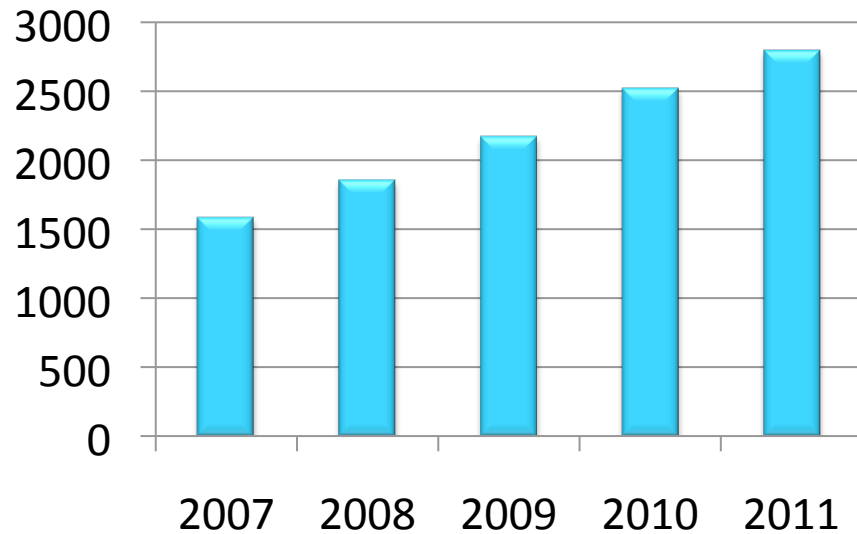
# Network Abuse BoF

- Held on Monday, 29 August 18:00 – 19:30
- Topic: Sharing information on activities to address concerns about Internet Resource Management and Quality Assurance of IP addresses with an emphasis on Network Abuse
- Great turn out with 47 people attending
- Speakers in order of presentation:
  - Izumi Okutani, JPNIC
  - Elise Gerich, IANA
  - Sofia Silva, LACNIC
  - Frank Salanitri, APNIC
  - Sanjaya, APNIC, on behalf of ID-CERT
  - Paul Vixie & Peter Losher, ISC

<http://meetings.apnic.net/32/program/bof>

# Member Services

**Membership Growth**



	2011	
SUPPORT	Q1	Q2
E-mail	4,171	2,661
Phone	571	510
Chat	523	429
New Members	129	163
Mergers & Trf.	13	20

# DNSSEC

- Domain Name Security Extensions
  - 3 May 2011 DNSSEC Delegation Signer (DS) records submitted to IANA allowing DNSSEC validation to occur from root zones down to APNIC's reverse zones
  - Users can now update their reverse DNS DS record through MyAPNIC
    - Single zone updates via Whois domain objects
    - Multiple zones updates via zone file upload

# Root Server Deployment

- Bhutan
  - Operator: I-root
  - Local host: Bhutan Telecom
  - Location: Thimphu
  - Status: Inaugurated 14 April 2011
- Mongolia
  - Operator: F-root
  - Local host: ICTPA & Mobinet
  - Location: Ulaanbaatar
  - Status: Shipped, target operational August 2011

Thank You

