

APNIC

33  
CONFERENCE  
27 February - 2 March 2012

NEW DELHI,  
INDIA



# Delivering Value

Sanjaya,  
Services and  
Operations Director



# Overview

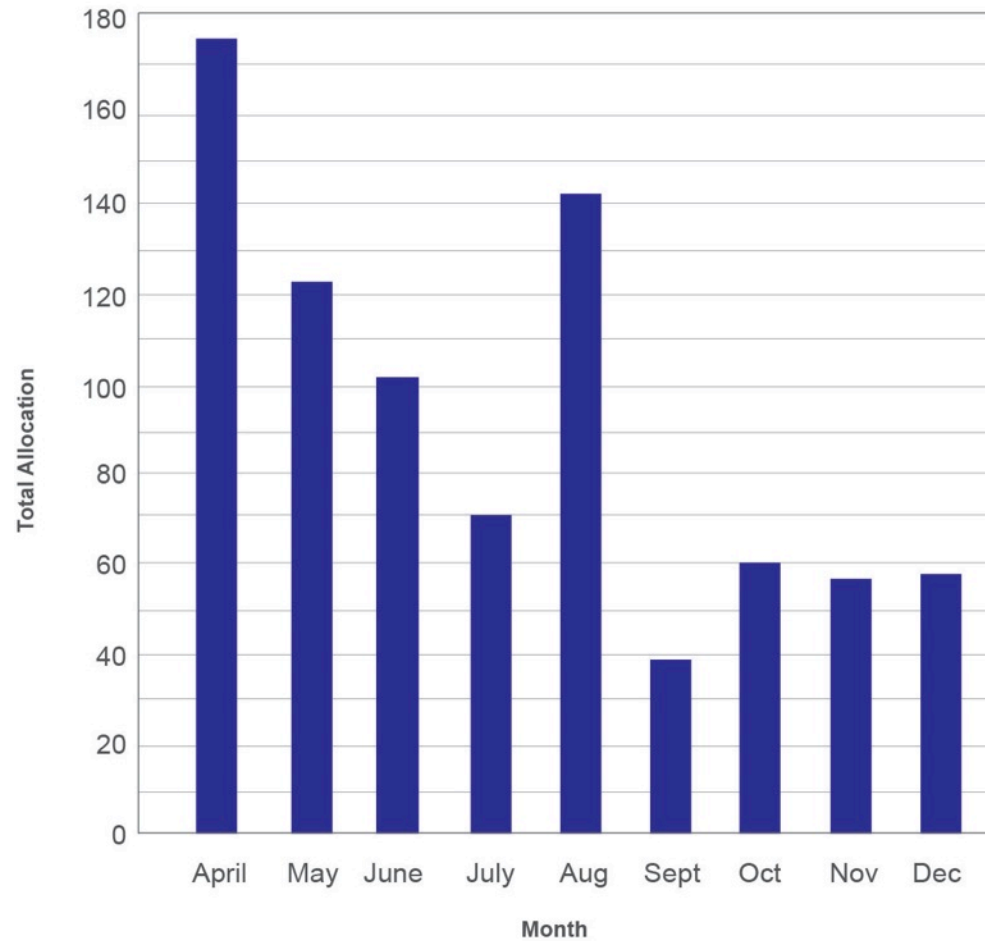
- IPv4 exhaustion
- Resource delegation
- Resource Quality Assurance
- Member services

# IPv4 Exhaustion

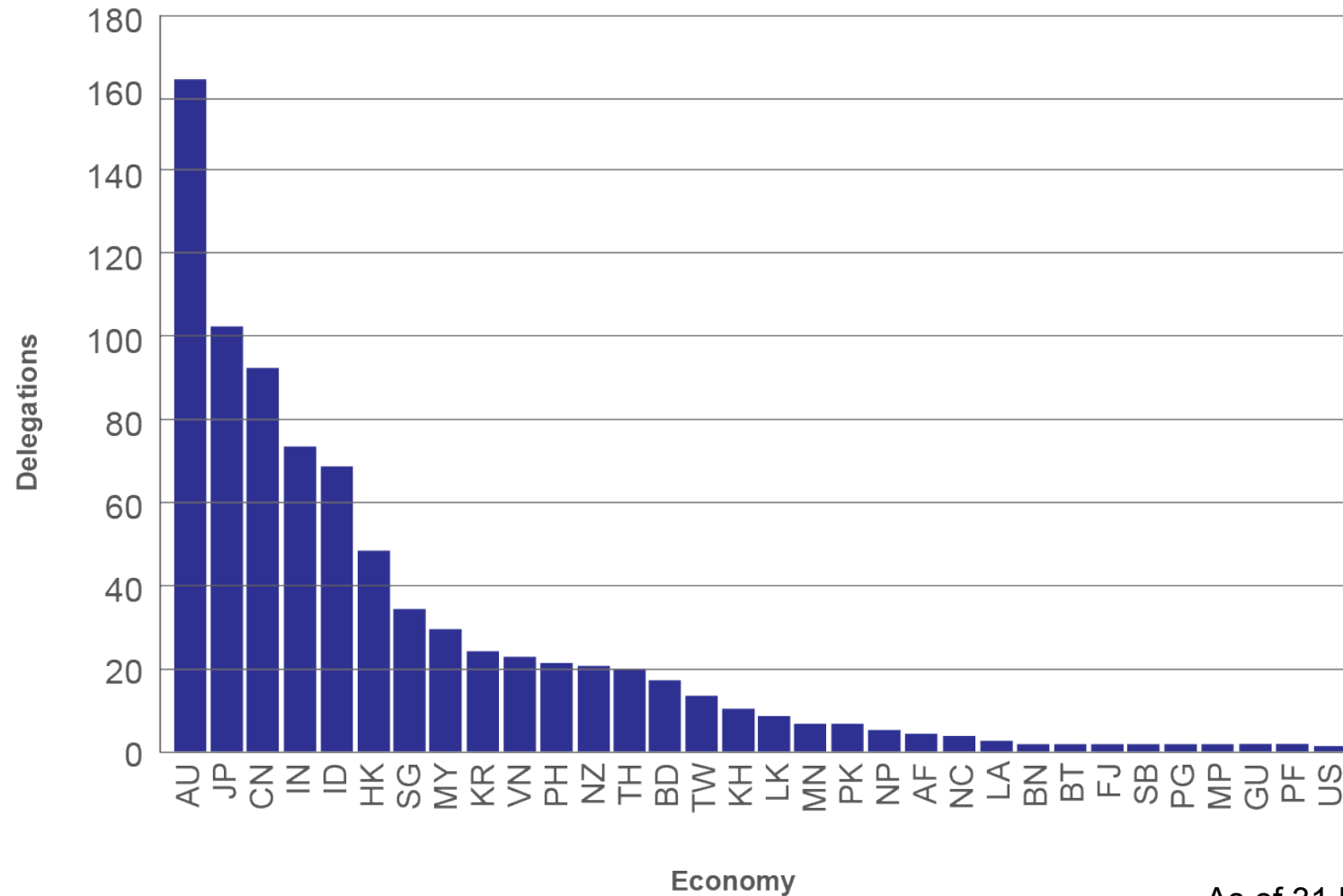
- APNIC reached its final /8 IPv4 block on 15 April 2011
- Now delegating from the final /8 - 103/8
  - Maximum of a /22 per account holder
- IPv4 transfers
  - Pre-approvals
    - Implementation of prop-096
    - Recipient of transferred resources may apply for for preapproval by demonstrating need before finding a source
  - <http://www.apnic.net/ipv4-stage3-faq>

# Final /8 Delegations 2011

Last /8 Delegations

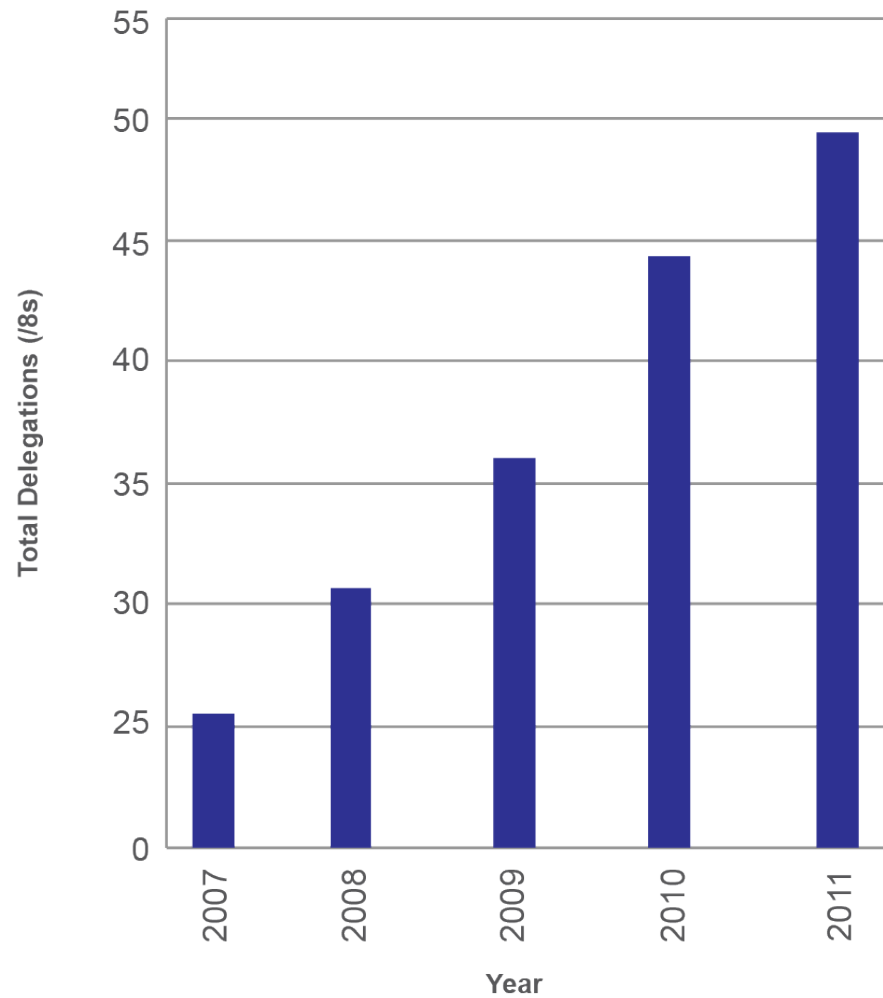


# Final /8 Delegations by Economy



As of 31 December 2011

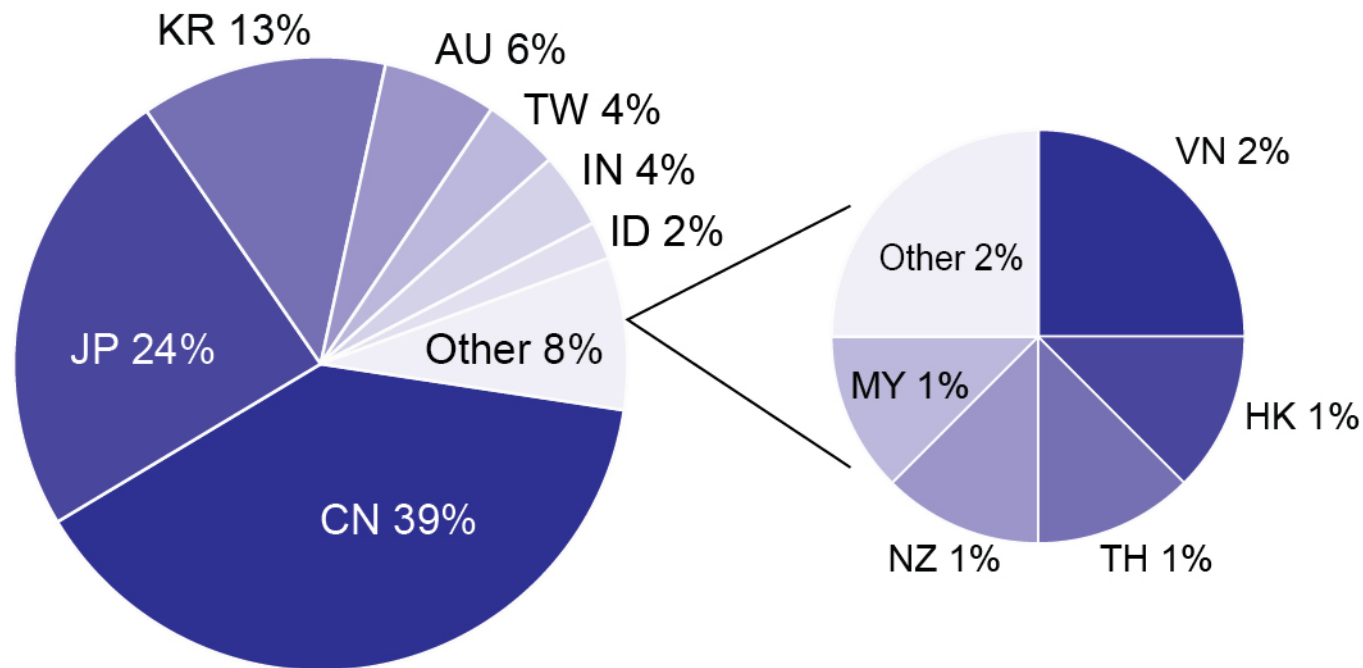
# IPv4 Delegations 2011



As of 31 December 2011

# Total IPv4 Distribution

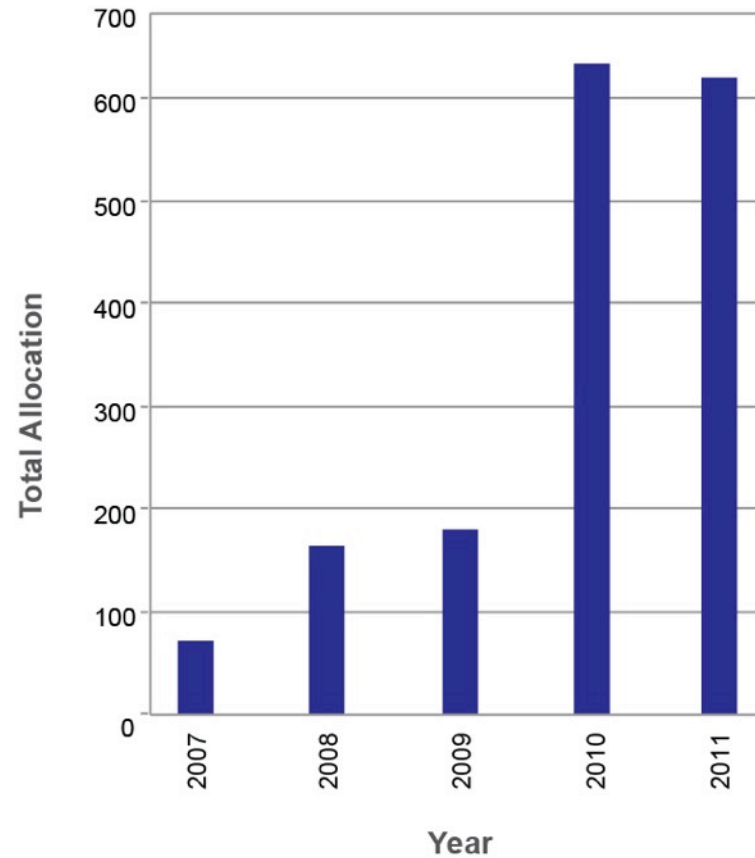
## IPv4 Distribution by Economy



As of 31 December 2011

# IPv6 Delegations 2011

Total IPv6 Allocated  
(Cumulative) by Year

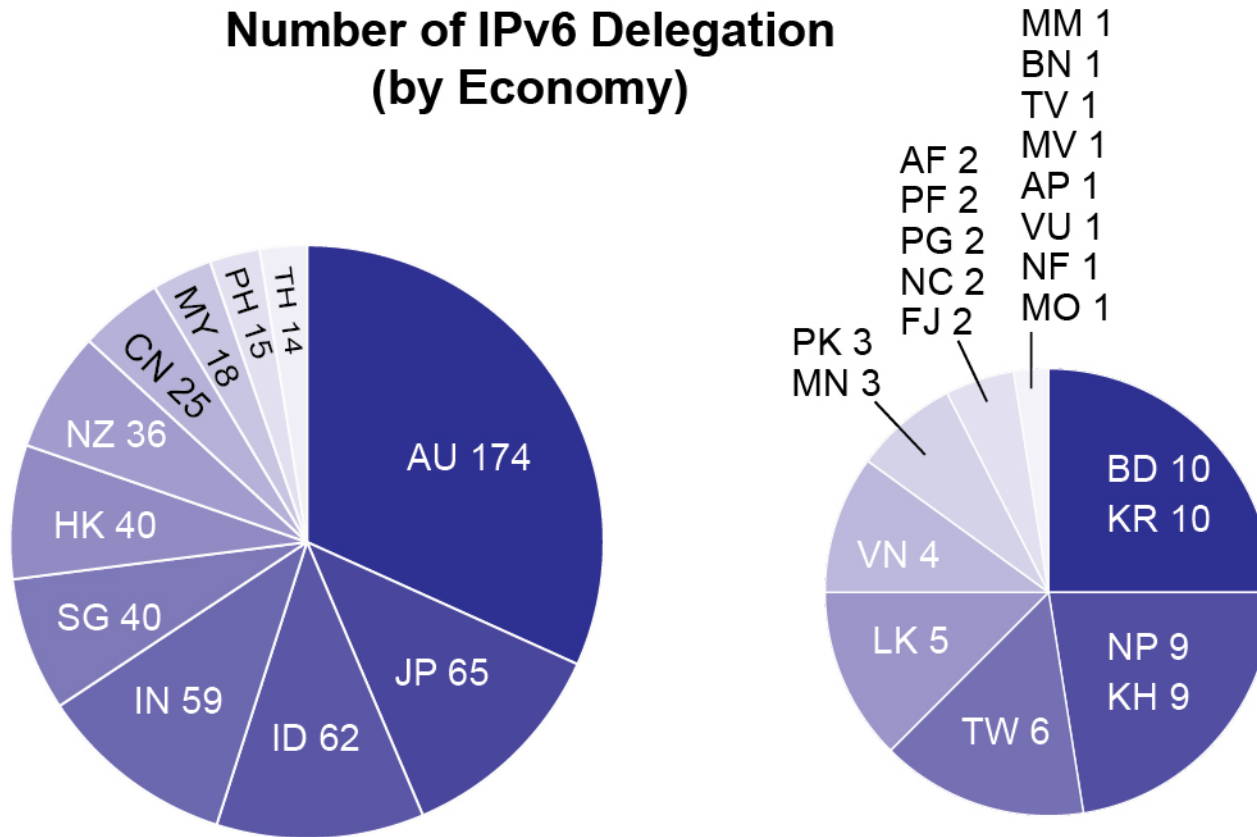


As of 31 December 2011



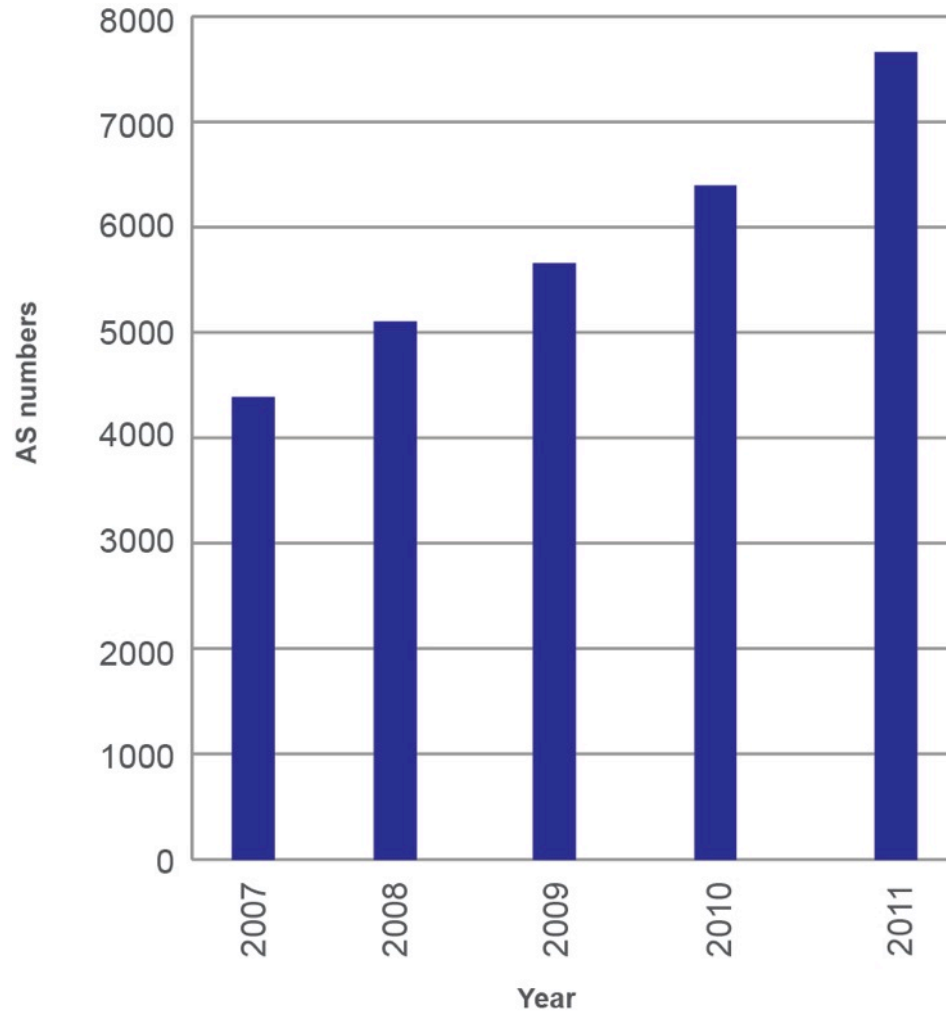
# Total IPv6 Distribution

Number of IPv6 Delegation  
(by Economy)



As of 31 December 2011

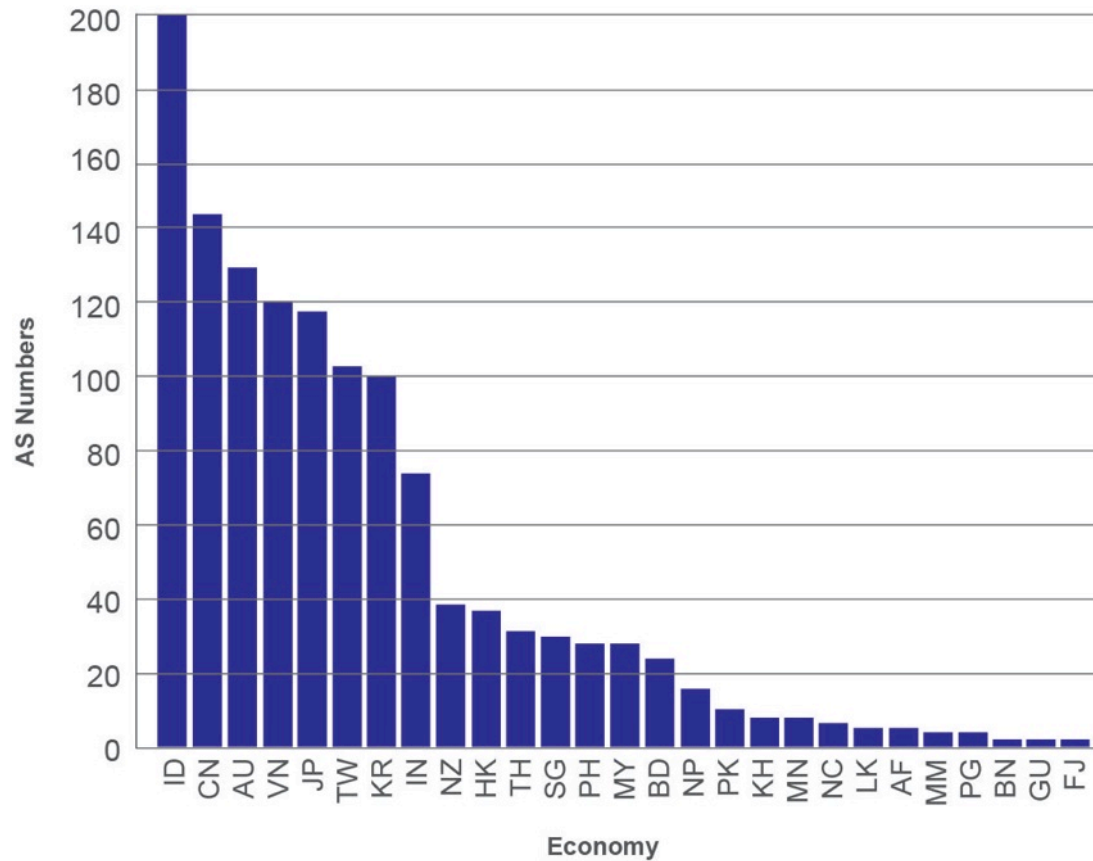
# AS Number Delegations 2011



As of 31 December 2011

# Total AS Number Distribution

Total AS Numbers Assigned in 2011  
(by Economy)

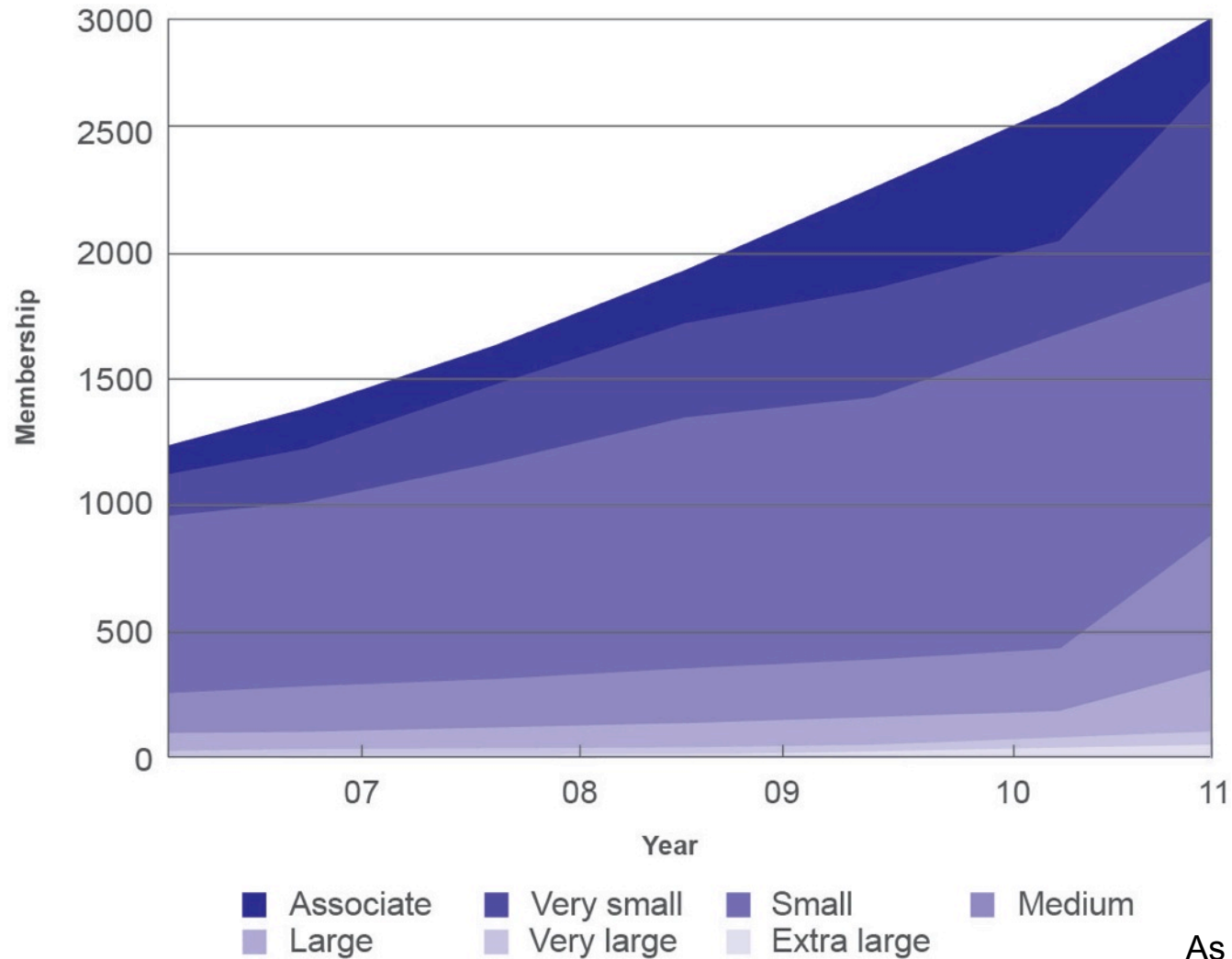


As of 31 December 2011

# Resource Quality Assurance

- Whois cleanup project
  - 155,618 unreferenced objects removed
  - 49,542 errors updated
  - Update your mnt-irt object attributes
- Reachability testing 39/8, 106/8, and 103/8 (final /8)
- BoF sessions at APNIC 31, 32, and 33
  - <http://meetings.apnic.net/33/program/bof>
- Outreach activities
  - JANOG, LACNIC, and RIPE NCC

# Membership Growth



As of 31 December 2011

# Member Services

- Registered MyAPNIC users - 4,698
- Helpdesk stats:
  - Chat requests: 1,770
  - Tickets received: 12,625
  - Administration tickets resolved: 3,302
  - New Member accounts established: 524
  - Growth 2010 – 2011: 4.29%

# MyAPNIC Features in 2011

- DNSSEC support
  - Account holders can now sign their reverse DNS records through MyAPNIC
- IRT object reminder
  - Reminds Members if they have not registered an IRT object
- Whois update improvements
  - Bulk upload feature improvement
  - All whois object types are now supported
- IPv6 sparse assignment
  - A tool to help Members calculate starting addresses of sparsely managed sub-delegations
- IPv4 transfers facilitation
  - Implementation of prop-050 and prop-096

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**Thank You**

