

APNIC **34**
CONFERENCE

PHNOM PENH
CAMBODIA

21 - 31 August 2012

Delivering Value

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Overview

- IPv4 transfers
- IPv6 delegations streamlining
- Resource statistics
- Membership growth
- Alternative WHOIS protocol
- Resource Public Key Infrastructure

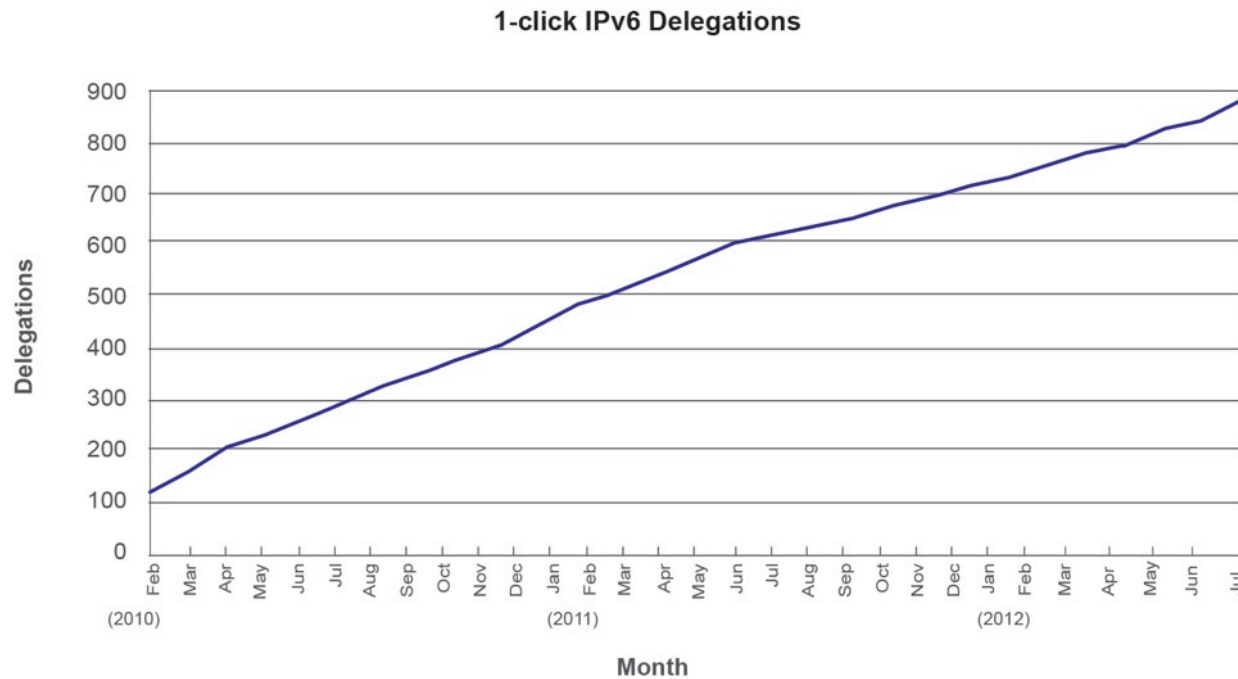
IPv4 Transfers

- Inter-RIR transfers now available
 - Currently between ARIN and APNIC regions
 - Conditional on a willing source being found
 - Recipient must be able to demonstrate a need for addresses under normal APNIC allocation policies
- Agreed Inter-RIR transfer procedure by all RIRs
 - Jointly created by the respective Resource Services Managers
- IPv4 Transfers Listing Service
 - Pre-approved recipients list available
 - Opt-in anonymous listing
 - Source can contact recipient before a transfer is initiated

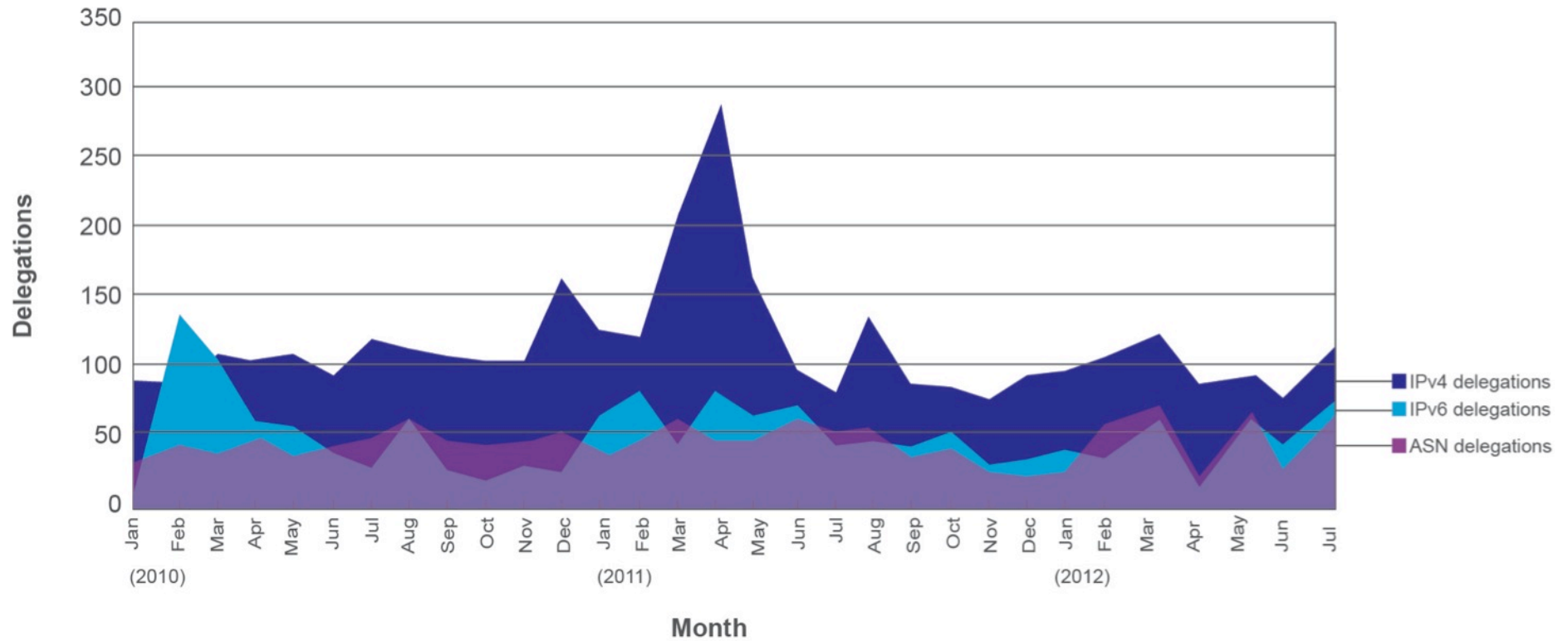
www.apnic.net/transfer

IPv6 Delegations Streamlining

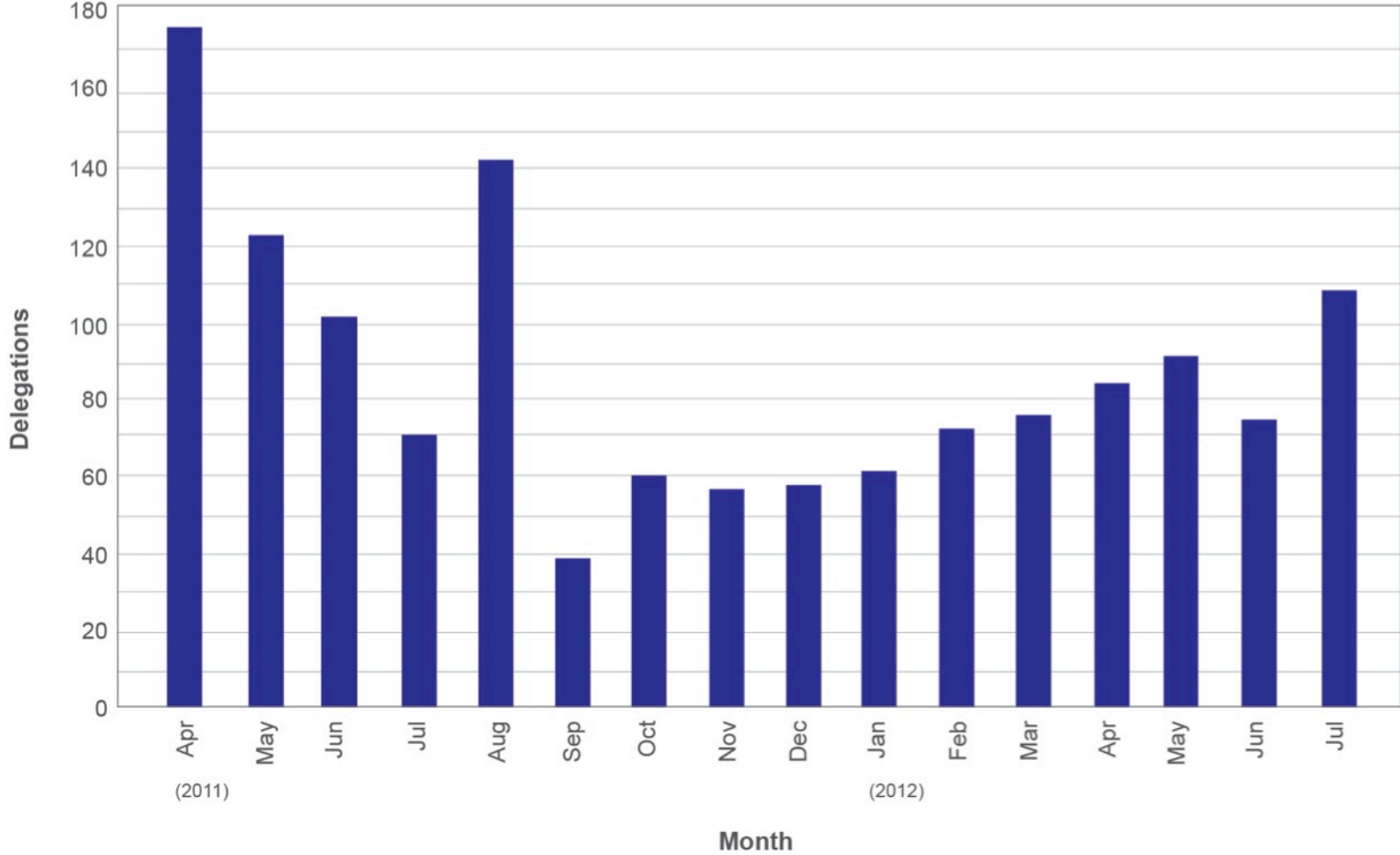
- 1-click IPv6 is now available to:
 - Existing Members
 - New Members
 - NIRs (added this year)



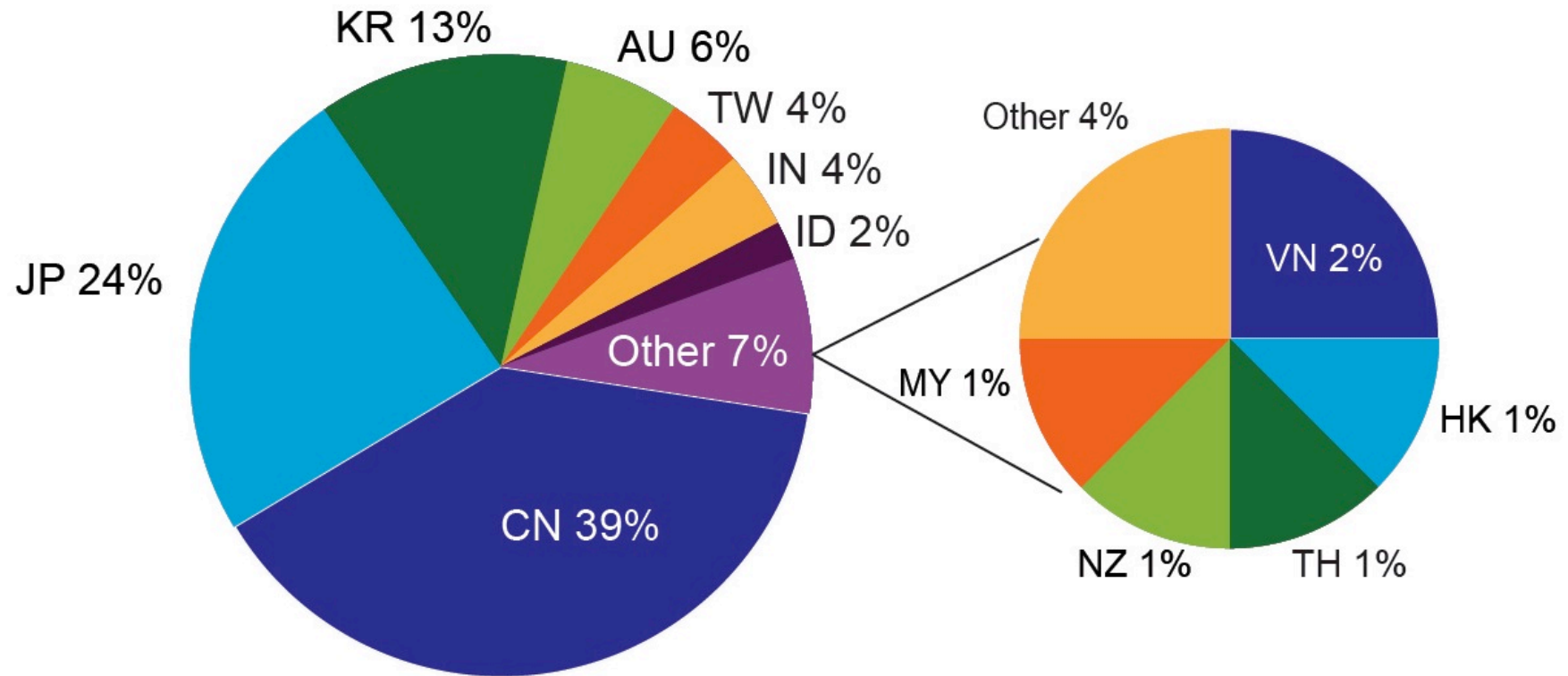
Resource Delegations



Final /8 Delegations

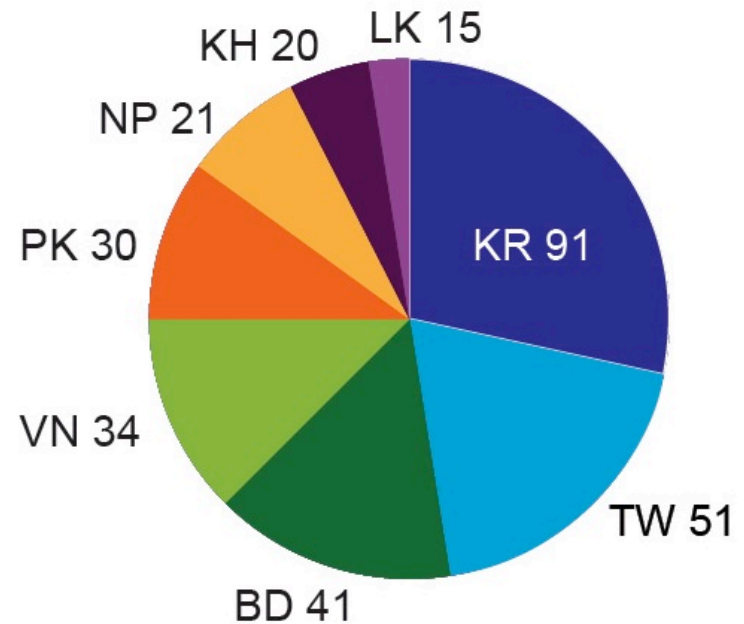
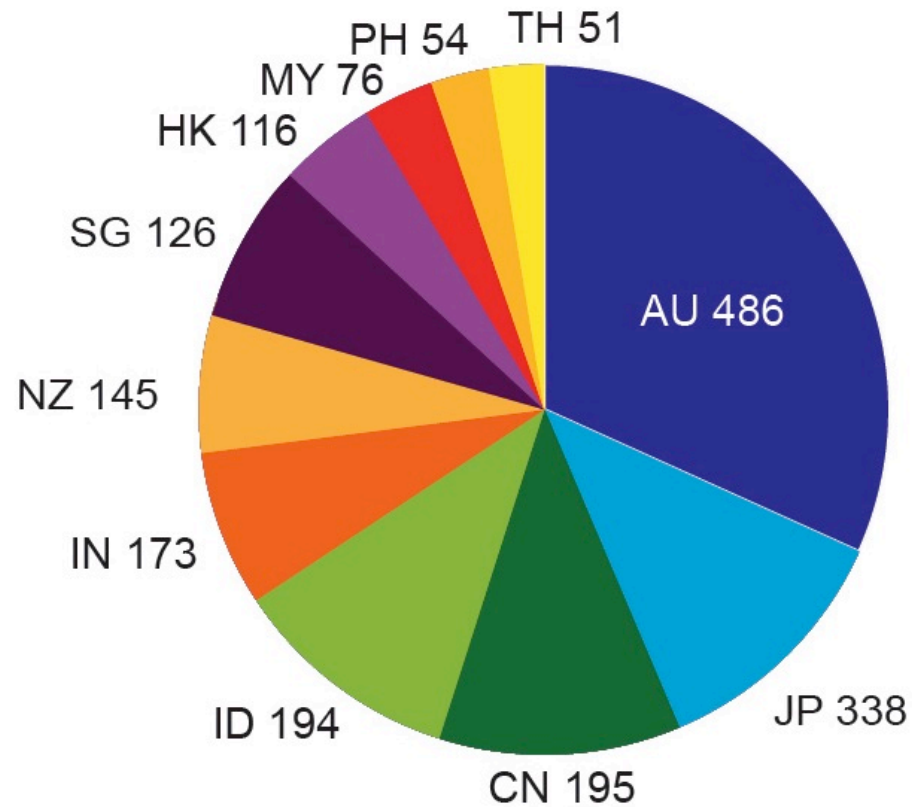


IPv4 Distribution by Economy



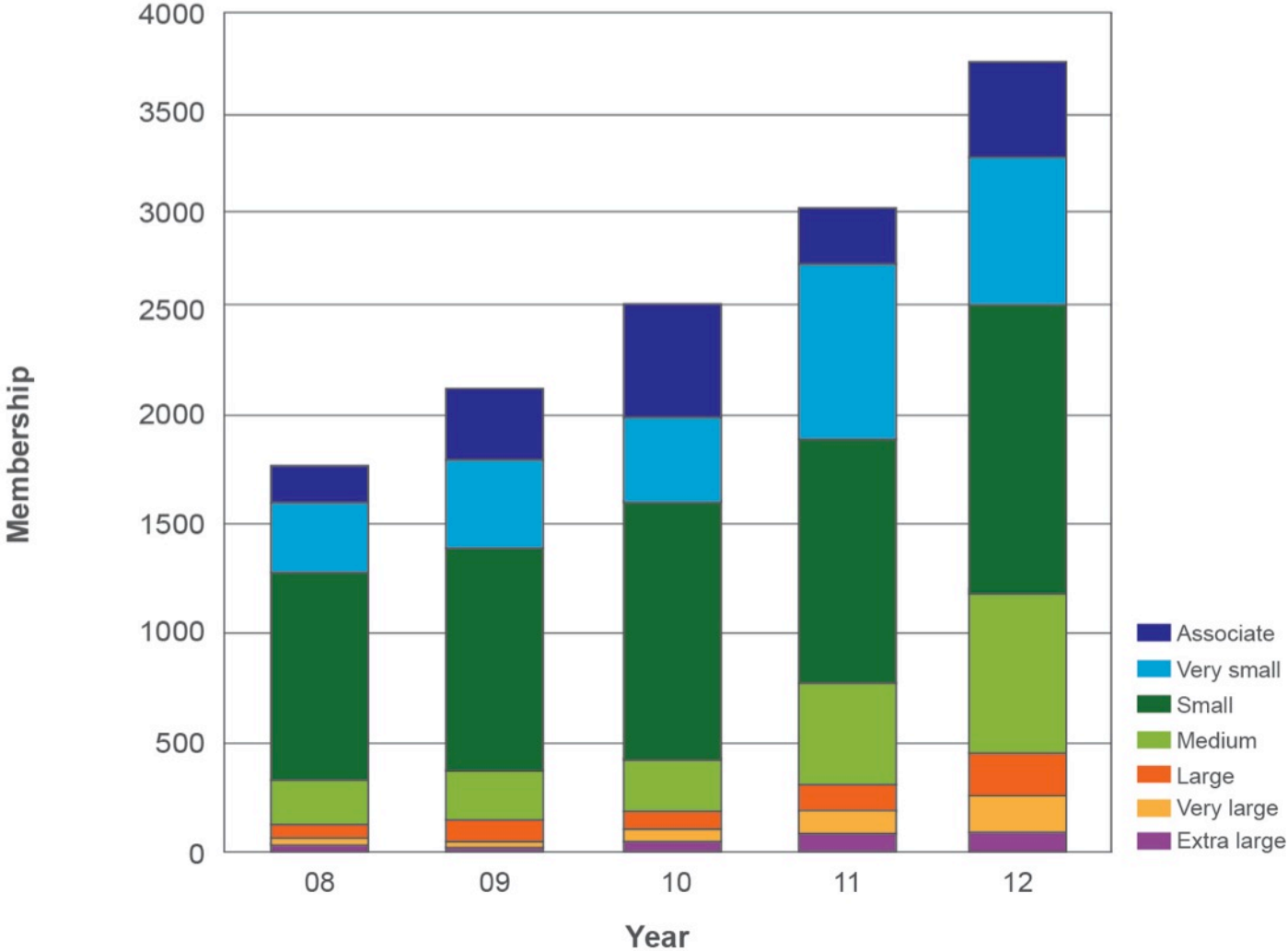
As of 31 July 2012

IPv6 Delegations by Economy



As of 31 July 2012

Membership Growth



As of 31 July 2012

Alternative WHOIS Protocol

- Web Extensible Internet Registration Data Service (WEIRDS)
- Alternative protocol for WHOIS to address shortcomings:
 - Lack of internationalization support
 - No specification of queries, output, or error messages
 - No referral mechanism
 - No authentication mechanism
- Usable with a web browser
<http://weirds-pilot.apnic.net/ip/202.12.29/23>
- Easy for web developers

Resource Public Key Infrastructure

- Published specifications as Internet RFC numbered documents this year
- Working with ICANN and the other RIRs towards a global system
- Introduced the General Purpose Signer in the RPKI BoF session this week

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Thanks!

Questions?

