

APNIC Update

German Valdez

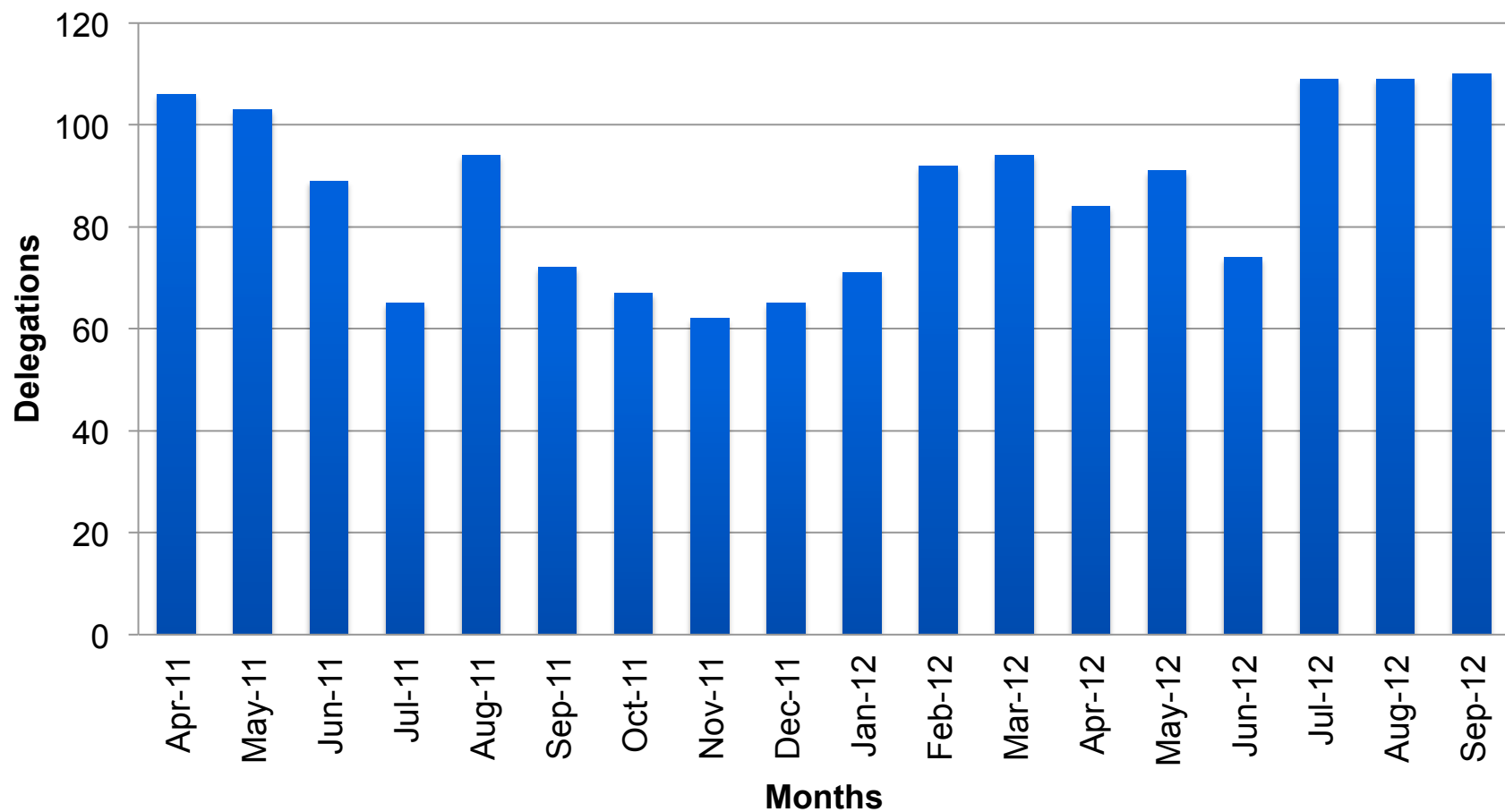
External Relations Program Director, APNIC

ARIN XXX 26-October-2012

Overview

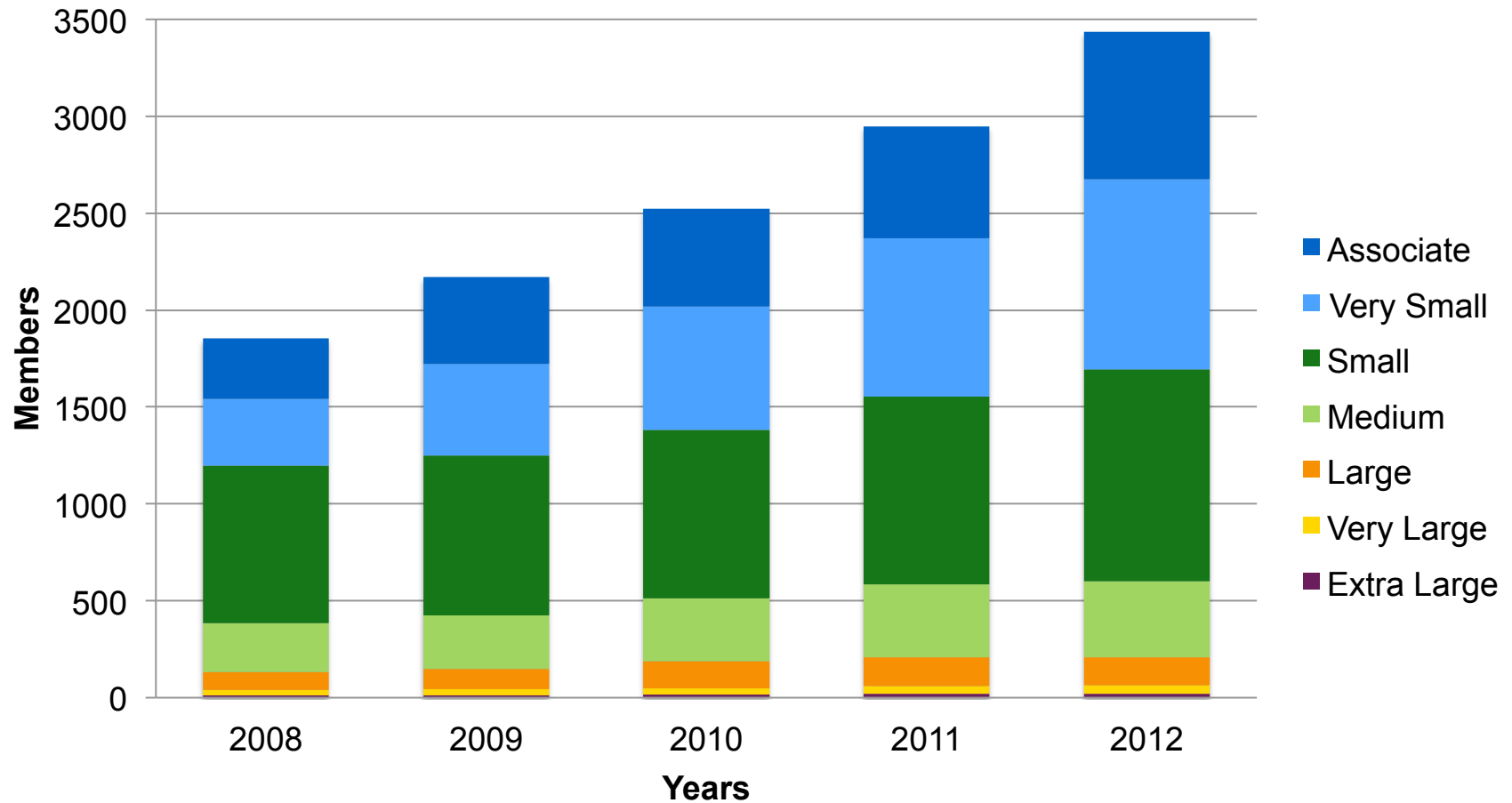
- Stats
- IPv4 transfers
- Training
- APNIC Labs
- Policies
- ISIF
- Public Affairs
- APNIC Member Survey
- APNIC Coming Conferences

Final /8 Delegation



As of 30 September 2012

Membership Growth



*As of 30 September 2012

IPv4 Transfers

- Inter-RIR transfers now available
 - Currently between ARIN and APNIC regions
 - Transfer fee applies
 - 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

Training

- Continuing focus on IPv6 deployment
 - Comprehensive face-to-face and eLearning sessions
- eLearning
 - One-hour modules
 - Delivered fortnightly in three time zones
 - New schedule for 2012
- Face-to-Face
 - Extensive hand-on exercises
 - Remote Training Lab to enable participants to build and configure networks
 - Lab upgraded in 2011 to resemble topology of an ISP with multiple operation regions

www.apnic.net/training

APNIC Labs

- IPv6 Capability Tracker
 - Google Analytics tracking tool to enable website operators to measure client IPv6 capabilities
- Measuring IPv6
 - Measuring the end-to-end capability of IPv6 clients per economy
 - Readiness data at end-user level for various intergovernmental organizations and economies
- IPv6 preference by AS Number
 - Measures IPv6 client capability per autonomous system
- IPv4 address report
 - Measuring IPv4 free pool address exhaustion

www.labs.apnic.net

www.blabs.apnic.net

APNIC Policies in 2012

- Implemented:
 - prop-102: Sparse allocation guidelines for IPv6 resource allocations
 - Implemented 20 August 2012
- Withdrawn by author:
 - prop-099: IPv6 reservation for large networks
- Abandoned:
 - prop-098: Optimizing IPv6 allocation strategies (simplified)
- Reached consensus at APNIC 34:
 - prop-101: Removing multihoming requirement for IPv6 portable assignments
 - Prop-104: Clarifying demonstrated needs requirement in IPv4 transfer policy
- Withdrawn by author at APNIC 34:
 - prop-103: A final IP address policy

Information Society Innovation Fund

- A grants program aimed at stimulating creative solutions to ICT development needs in the Asia Pacific region
- ISIF Grants
 - Expansion of program means that new awarded projects will receive up to AUD 30,000
 - Funds to be managed and invested in the AP region
- 2012 ISIF Awards
 - AUD 3,000 to already established initiatives and travel grant to the IGF
 - First-time **Community Choice Award** to the project with the highest number of votes from the community

www.isif.asia

APNIC's Engagement with the ITU

- One of the first Internet organizations to join as a Sector Member
- Participated in different ITU World and Plenipotentiary Conferences
 - Engaging with the ITU membership on IP addressing matters
- Active contribution with the NRO to the ITU IPv6 Group
 - Group recently closed as no current concerns identified with existing allocation model
- Co-organization of IPv6 workshop and migration strategies with ITU Regional Office Centre of Excellence since 2011

APNIC@WCIT

- World Conference on International Communications
 - Consideration of changes to the International Telecommunication Regulations (ITRs)
 - Last updated in 1988
- APNIC has observed the WCIT preparatory process, regionally (through APT) and globally (through the CWG-WCIT)
- Special attention paid to two discussions:
 - Interconnection models supported by the ITRs
 - Number misuse in the ITRs
- APNIC's position - The ITRs have worked well for telephony, but are difficult to translate onto the Internet

www.apnic.net/wcit

APNIC Survey

- Conducted by Professor Ang Peng Hwa, Singapore Internet Research Centre (SIRC) on behalf of the APNIC EC
- Received 1,333 valid responses from 67 economies
 - Valid responses were 67.9% higher than the previous Survey
- 70% of respondents reported high satisfaction vs 64% from the previous Survey

www.apnic.net/survey

APNIC Survey – Top Ten Priorities Future Planning

Priorities	Rating
Resource registration including APNIC Whois DB	5.59
Root server deployment in the region	5.49
Reverse DNS services	5.48
Internet community support	5.38
Training services	5.37
Research activities	5.32
Internet numbers resource transfers	5.25
Policy development facilitation	5.23
Internet number statistics	5.19
Secondary DNS services	5.17

Ratings from 1 to 7

Upcoming Conferences

- APNIC 35, Singapore
 - 20 February to 1 March 2013 (with APRICOT 2013)



- APNIC 36, Xi'an, China
 - 20 to 30 August 2013

Thanks

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