

APNIC Update

Tuan Nguyen

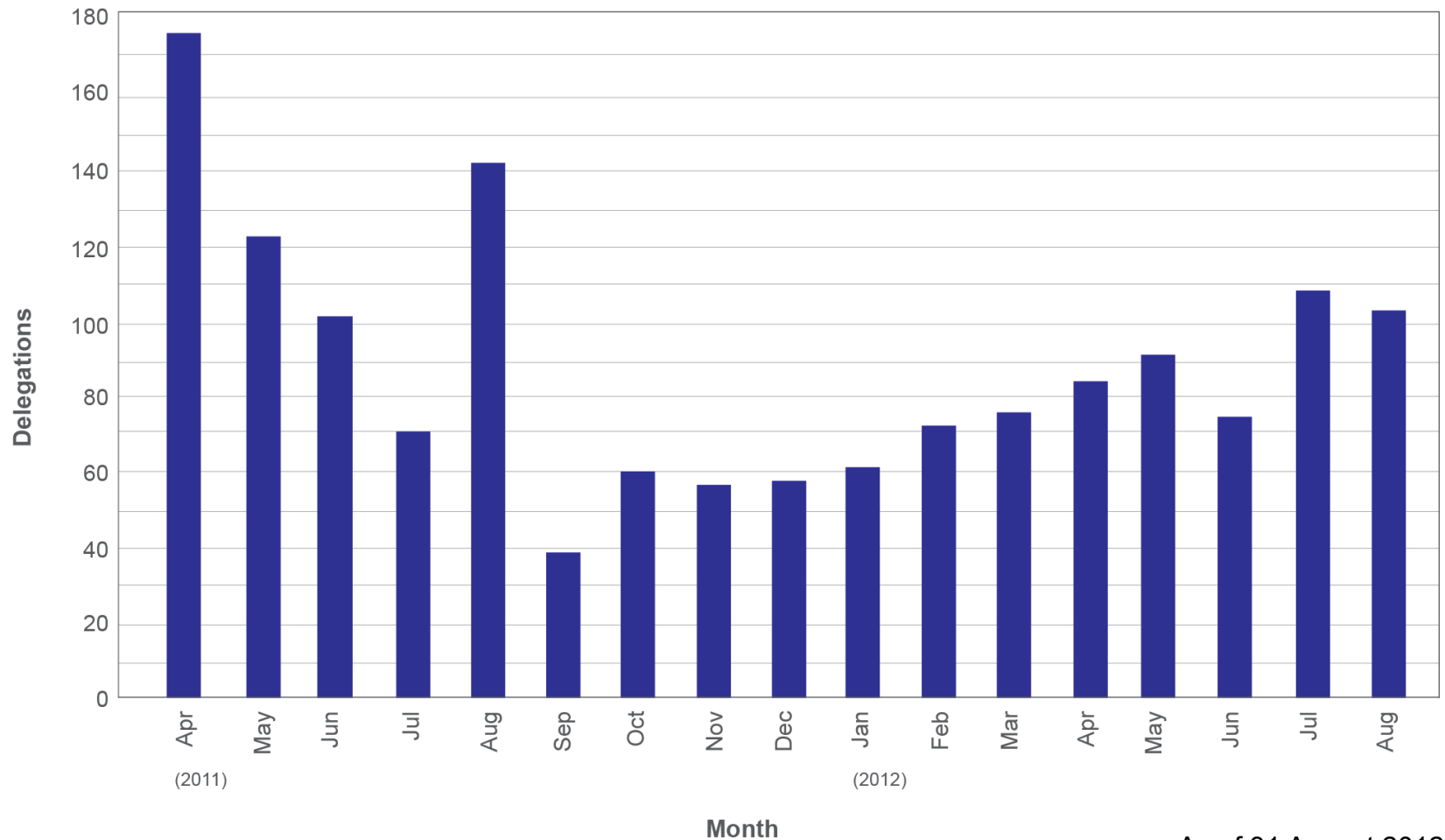
Hostmaster, APNIC

RIPE 65 28-September-2012

Overview

- Final /8
- IPv4 Transfers
- Training
- Policy discussions
- Government engagement
- APNIC Survey
- Upcoming conferences

Final /8 Delegations



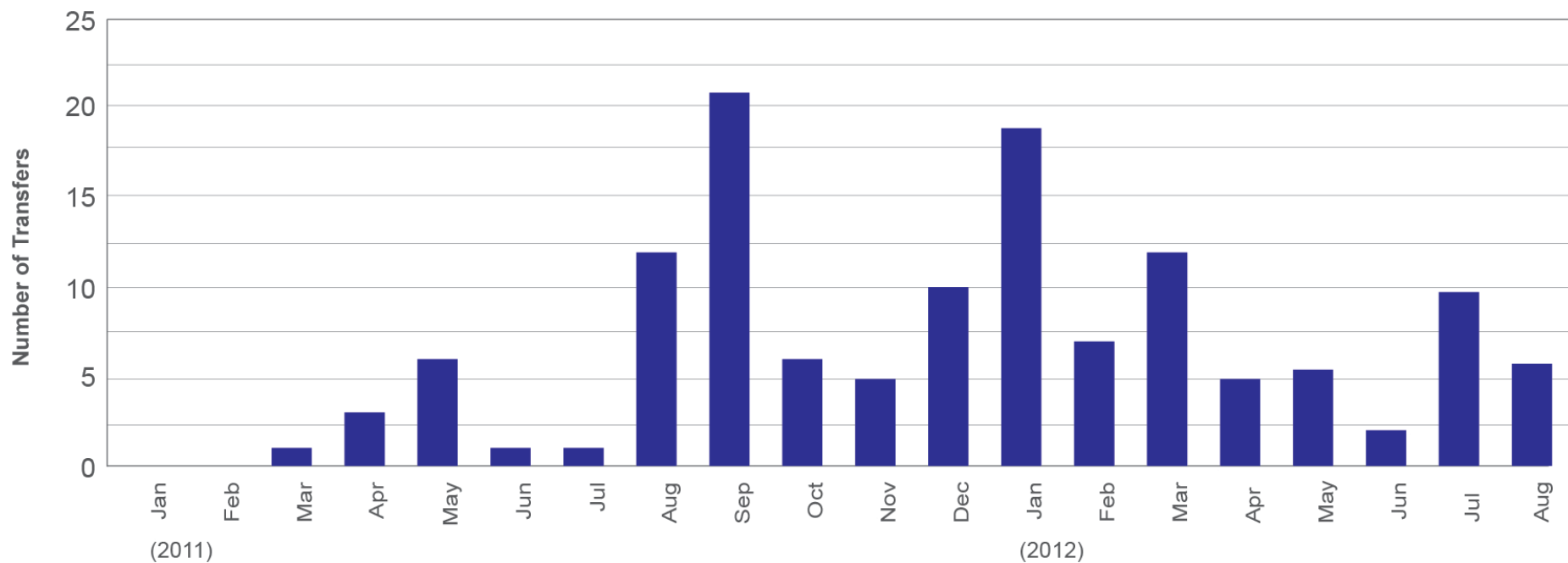
As of 31 August 2012

IPv4 Transfers

- Inter-RIR transfers now available
 - Currently between ARIN and APNIC regions
 - Recipient must be able to demonstrate a need for addresses under normal APNIC allocation policies
 - Transfer fee applies
- Agreed Inter-RIR transfer procedure by all RIRs
 - Jointly created by the respective Registration 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

IPv4 Transfers



As of 31 August 2012

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

Training delivered in 2012



- IPv6 courses
 - 13 courses in 11 locations
 - 484 participants
- Other face-to-face courses
 - 34 courses in 17 locations
 - 1090 participants
- eLearning
 - 60 courses
 - 512 participants

As of 12 September 2012

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- Withdrawn by author: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)

Policies at APNIC 34

- Reached consensus:
 - prop-101: Removing multihoming requirement for IPv6 portable assignments
 - Prop-104: Clarifying demonstrated needs requirement in IPv4 transfer policy
- Withdrawn by author:
 - prop-103: A final IP address policy

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

Member 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

Following Conferences

- APNIC 37, Bangkok, Thailand
 - 18 to 28 February 2014 (with APRICOT 2014)
- APNIC 38, TBD
 - Call for Proposals

www.apnic.net/events/host-an-event
- APNIC 39, Fukuoka, Japan
 - 24 February to 6 March 2015 (with APRICOT 2015 and APAN 39)

Thanks

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