

APNIC Services Update

SANOG 24

Tuan Nguyen

APNIC

Issue Date: [31 March 2014]

Revision: [1]



Overview

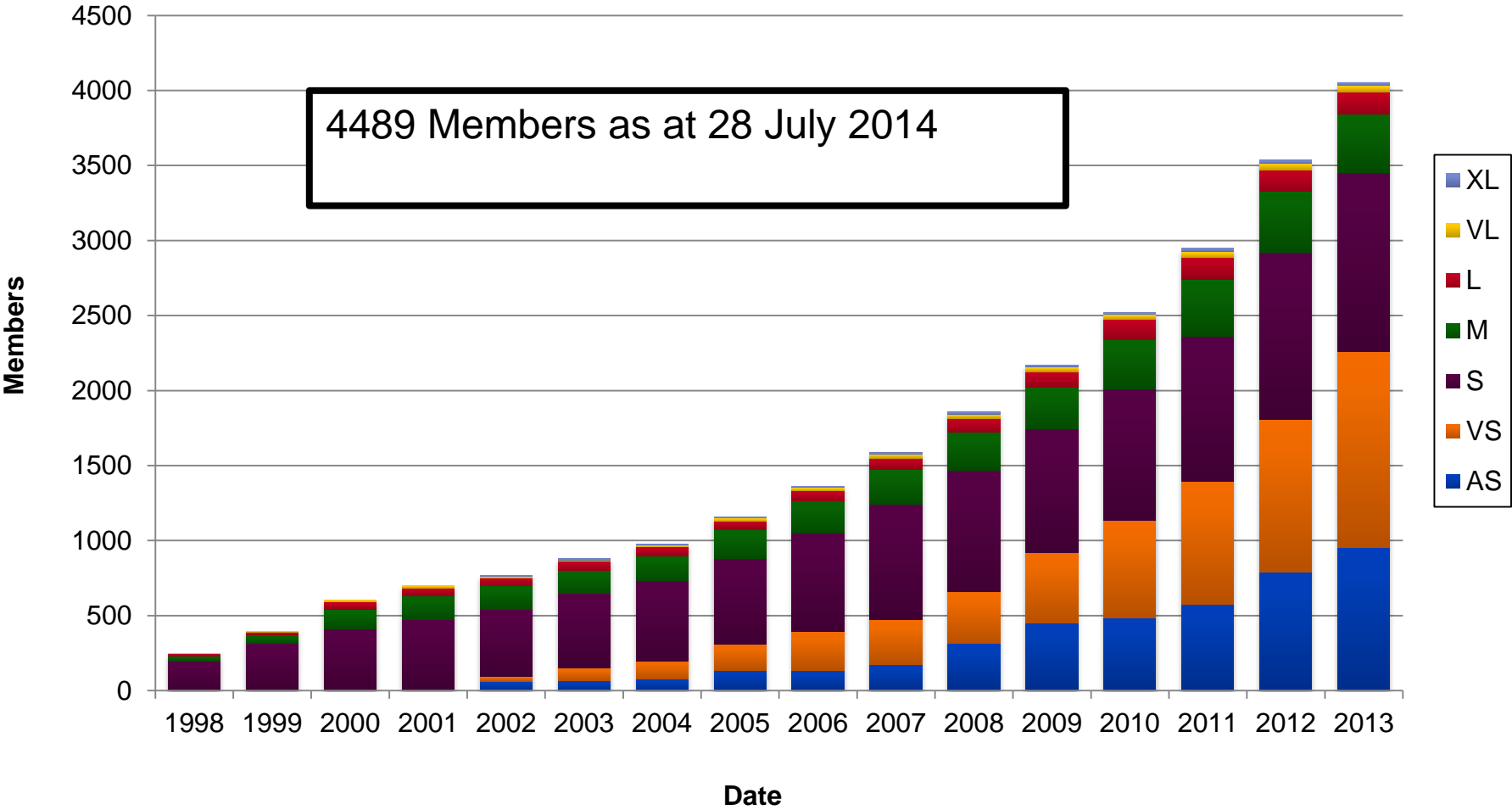
- Statistics
 - Members growth, Internet number delegations and IPv4 transfers
- Policy implementation update
- Services improvement
- Member and community support

APNIC's Vision

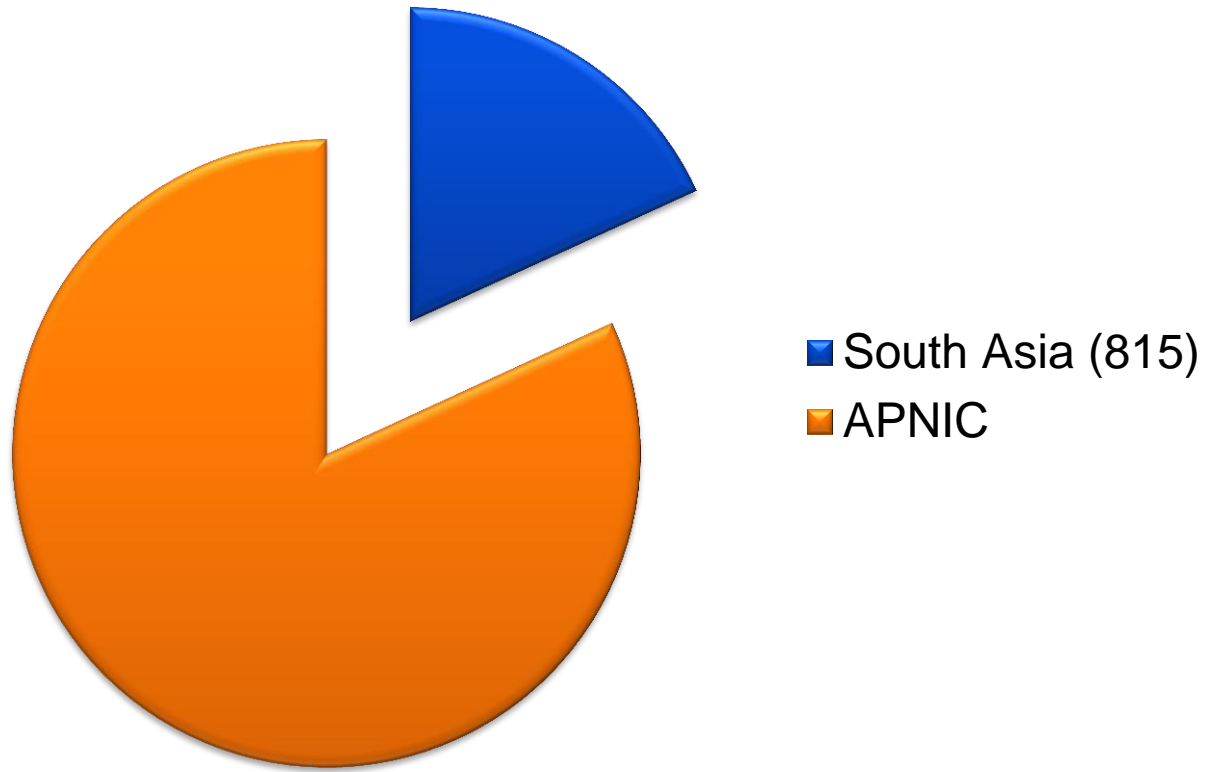
“A global, open, stable, and secure Internet that serves the entire Asia Pacific Internet community”

Statistics

Membership Growth

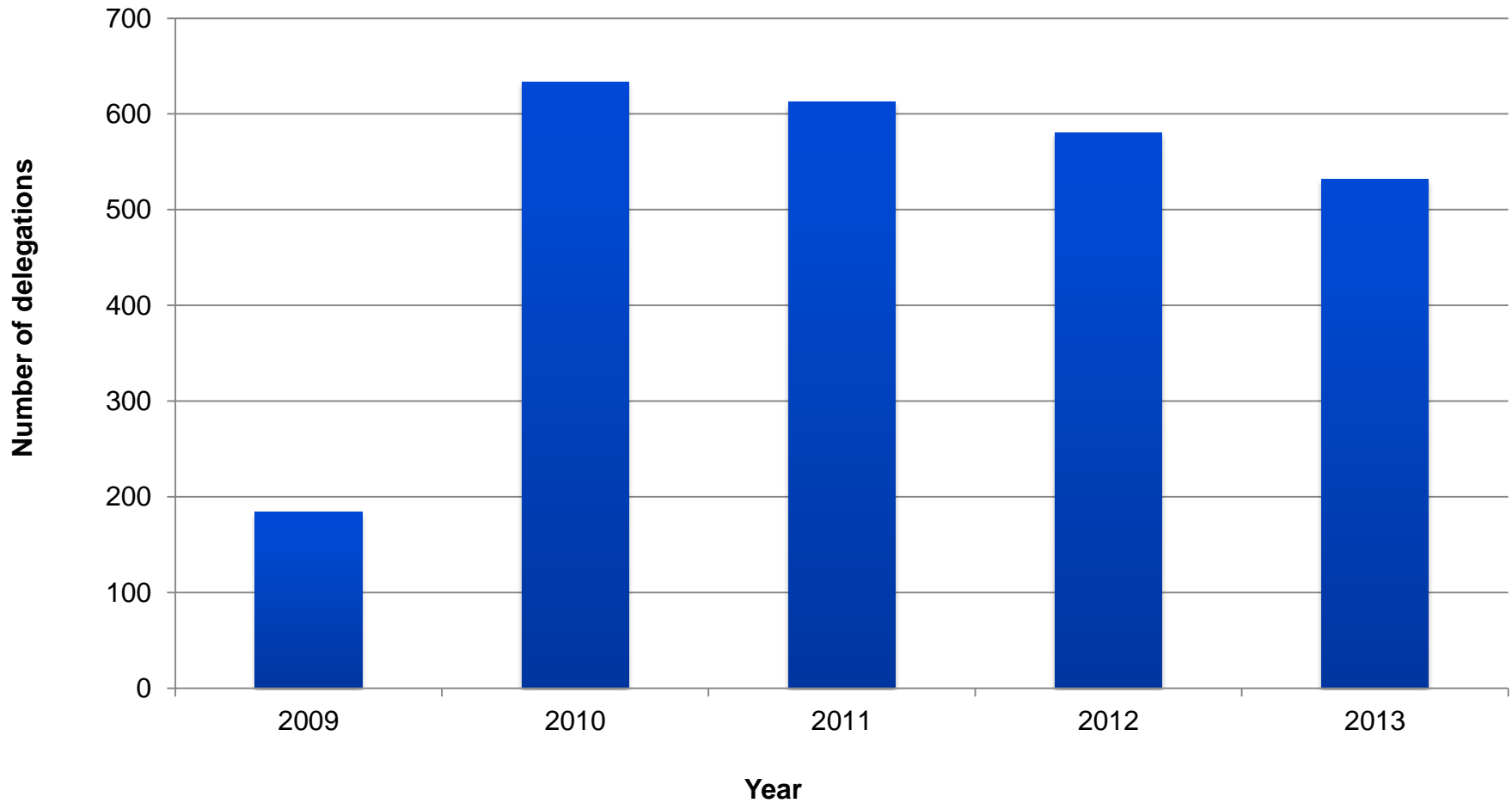


Members in South Asia

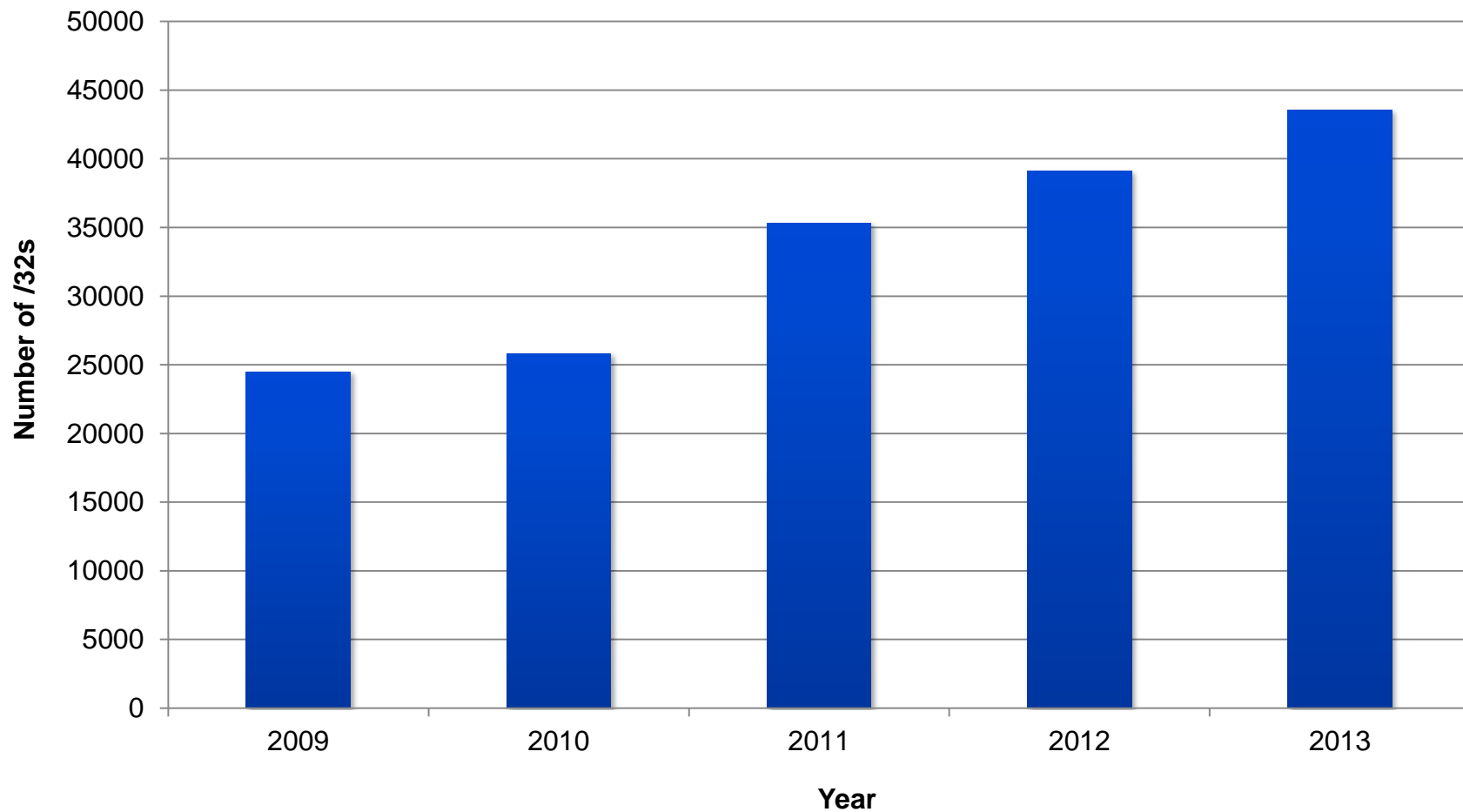


As at 28 July 2014

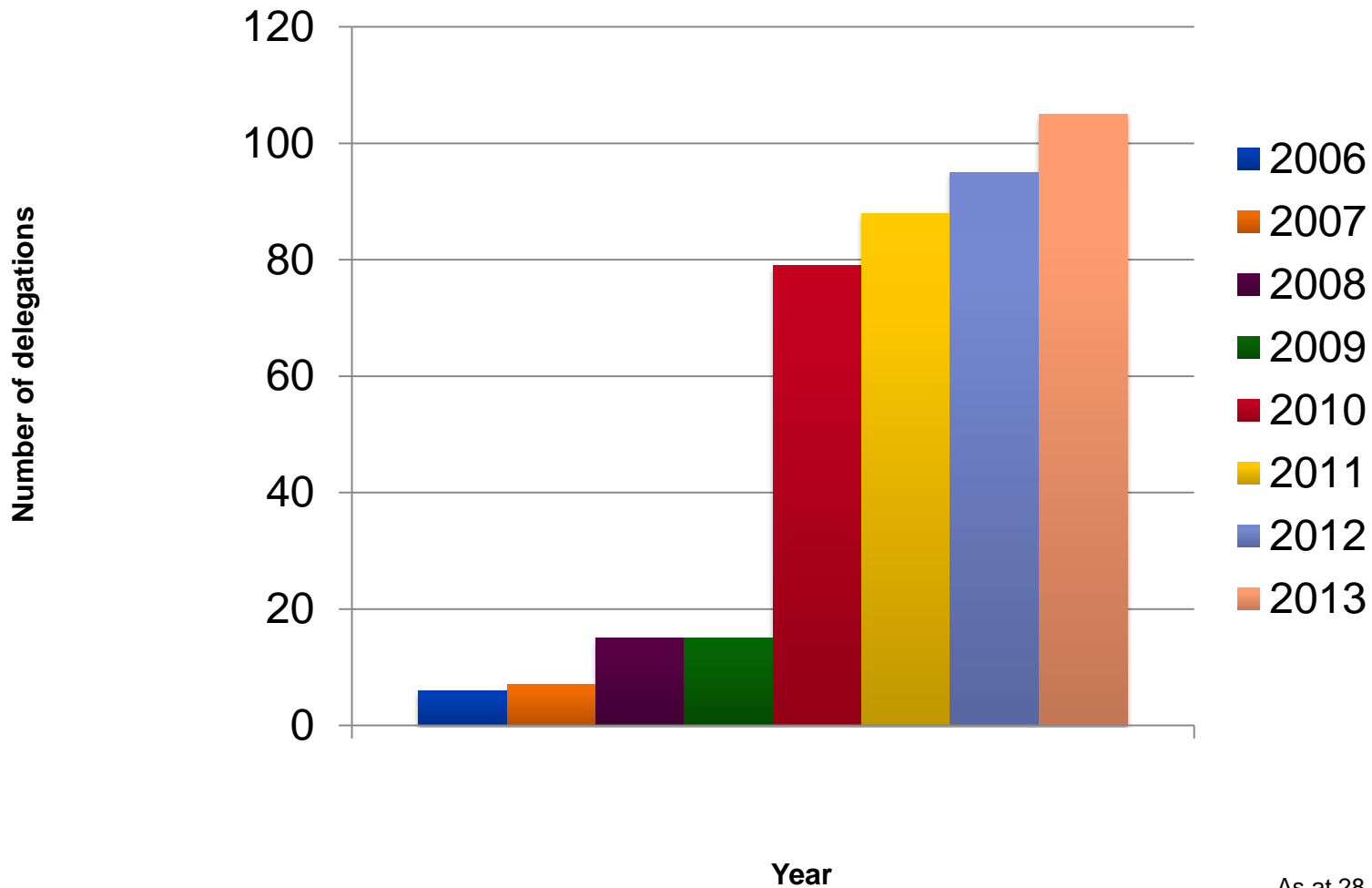
IPv6 Delegations by Year



Cumulative IPv6 Delegations (/32s)

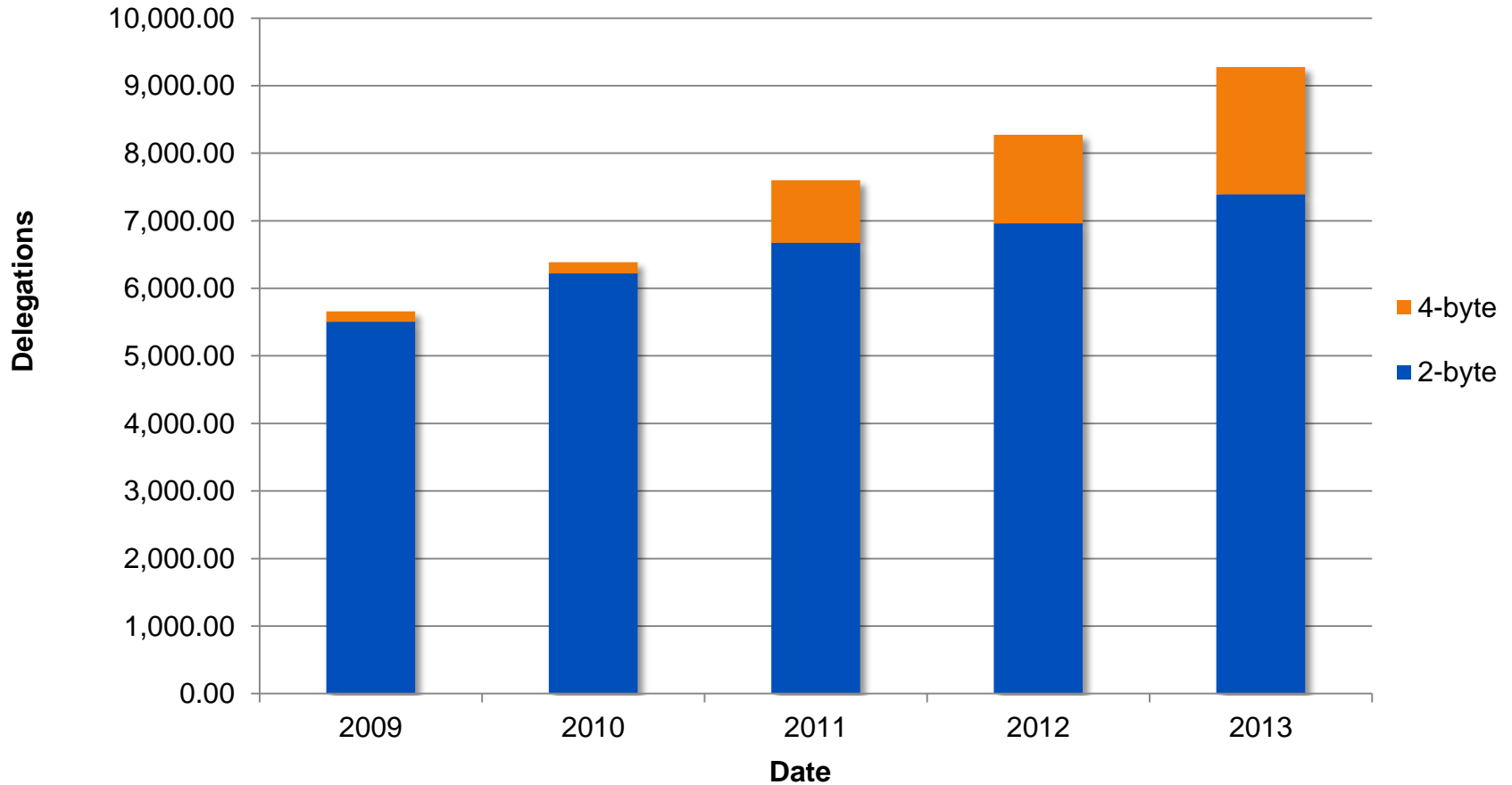


IPv6 Delegations by Year to South Asia

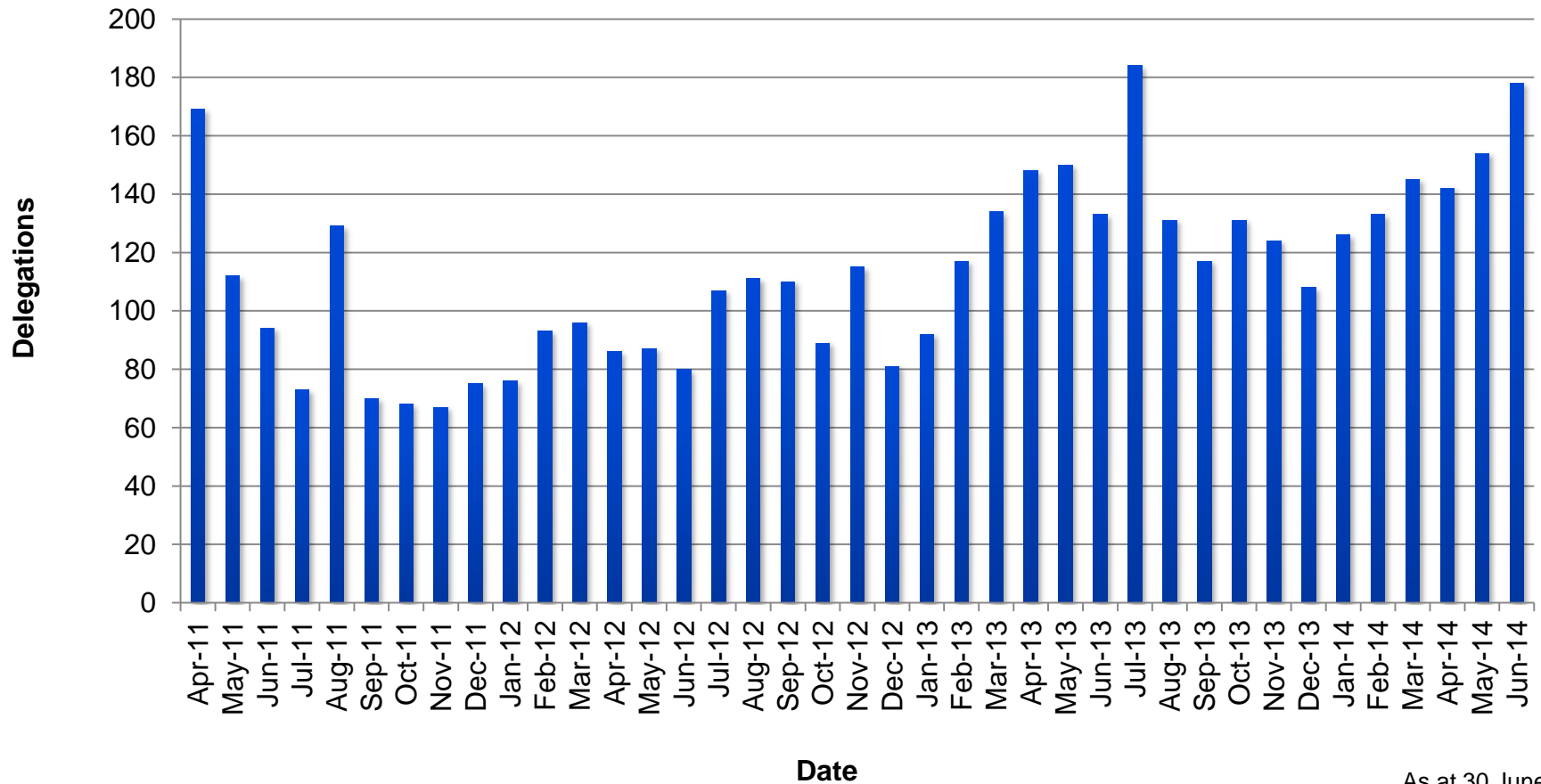


As at 28 July 2014

Cumulative ASN Delegations

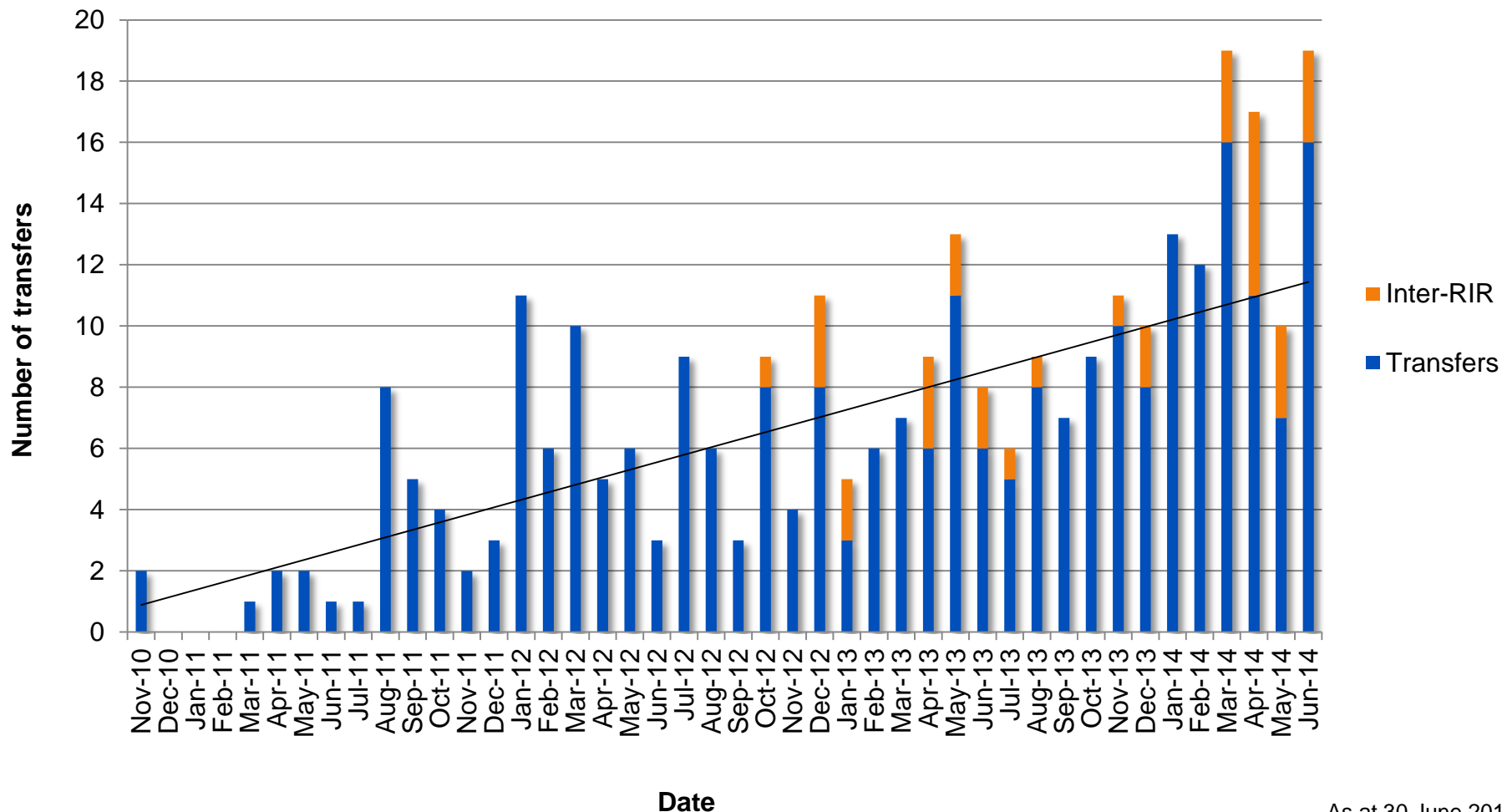


IPv4 Last /8 Delegations



As at 30 June 2014

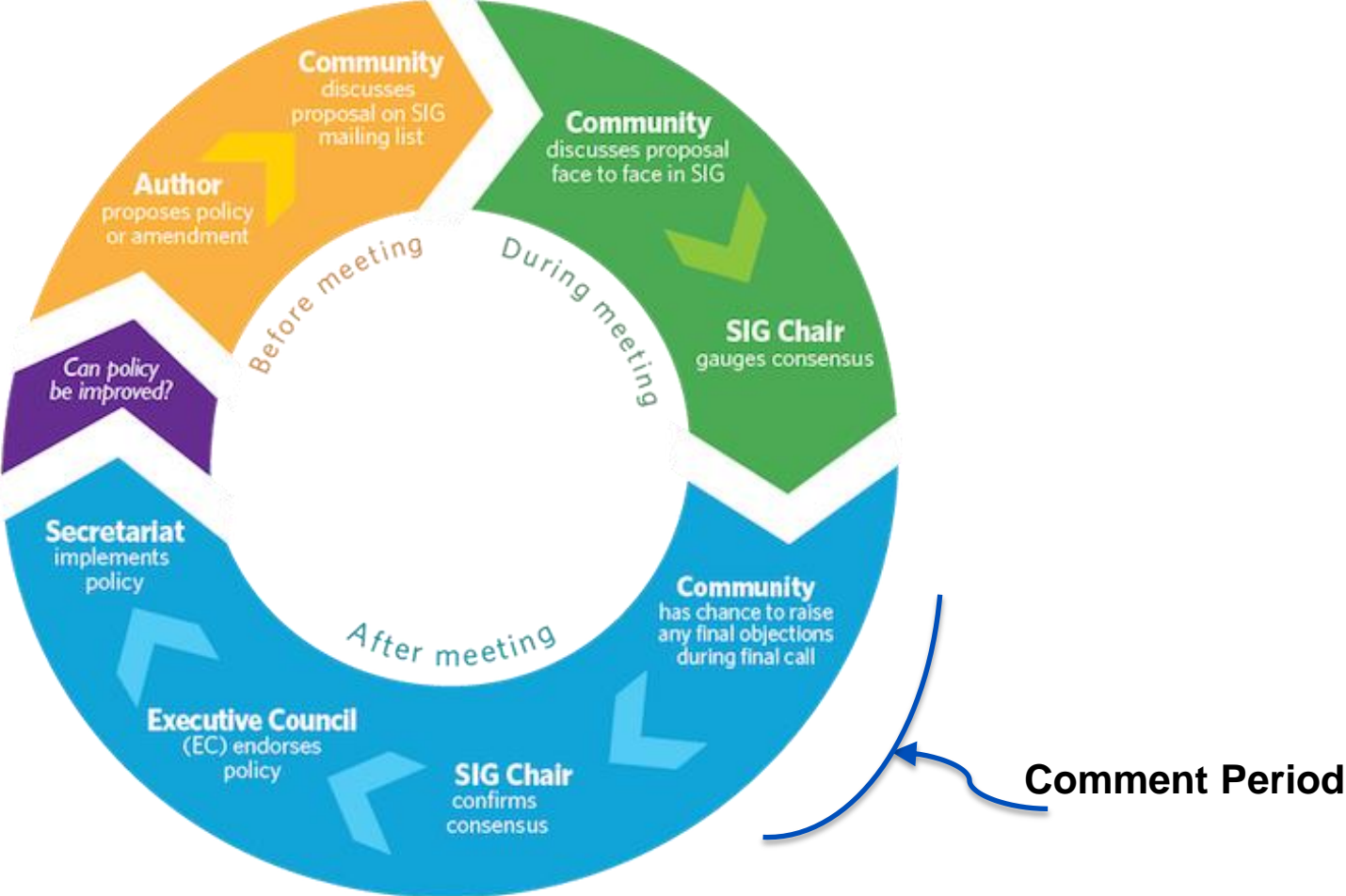
IPv4 Market Transfers



As at 30 June 2014

What's new on policy implementation ?

Policy Cycle



Policy Implementations

- prop-108: Suggested changes to the APNIC Policy Development Process
- prop-107: AS Number transfer policy proposal
- prop-109: Allocate 1.0.0.0/24 and 1.1.1.0/24 to APNIC Labs as Research Prefixes
- prop-105: Distribution of returned IPv4 address (Modification of prop-088)

Policy Proposals at APNIC 37

- prop-111: Request-based expansion of IPv6 default allocation size
 - Proposal did not reach consensus at the Policy SIG and was returned to the author for further development
- prop-110: Designate 1.2.3.0/24 as Anycast to support DNS Infrastructure
 - The proposal reached consensus at the Policy SIG, but failed to reach consensus at the AMM
 - Returned to mailing list for further consideration, but later withdrawn by the author and abandoned
- prop-109, which is now implemented

Services Improvement

Whois Service

- Geolocation information
 - Associate your IP registrations with geolocation
 - The “geoloc” attribute of an inetnum or inet6num object can be used to associate a latitude/longitude coordinate pair with a particular address block
- If you find that a geolocation provider has incorrect location details of your IP address range, you can contact them and request they update the location of the range.
- You may update your IP information in third party GEOIP databases such as:
 - [MaxMind](#)
 - [Google support](#)
 - [IP2 Location](#)
 - [IPligence](#)

MyAPNIC Service

- Improved “My profile” page layout
- Simplified digital certificate management page
- All whois object templates are available via whois updates section
- Improved “Incident response team” (IRT) contact update feature
 - bulk update form
 - All your registered IRT are readily available from a drop-down menu
- Complete a referral application for a customer

Streamlined Resource Request Process

Use MyAPNIC to

- Complete a [referral application](#) for a customer. [Read more.](#)
- View your resource information for IPv4, IPv6 and AS numbers
- Register for APNIC training or Conference via the "Events" tab
- Manage and update your re
- View your [Member details](#) a

APNIC

New Member Application Form



Applicant Contact Details

[Restart](#)

Important

This form allows you to apply for IPv4, IPv6 and/or ASNs for your customers. If you have obtained your customer's consent to apply for APNIC Membership, including these resources on their behalf, please read the following information carefully before you start.

1. You will be asked to nominate a Corporate Contact from your customer's organization. ([What's this?](#))
2. The nominated Corporate Contact will receive a copy of this application and will be asked to authorize APNIC to process it.
3. Your customer organization will be the custodian of any Internet number resources delegated by APNIC.
4. If you intend to continue to act on this customer's behalf after the account is open, you can register for access to the account via [My Profile](#) in MyAPNIC.

**Easier to help your customers
to get their own IP addresses**

APNIC



IRT Bulk Update Feature

Home / Resource management / Bulk update

Whois bulk update

Bulk update requests

- ▶ All objects (text file upload)
- ▼ Single attribute update

You can do a bulk update of your inetnum, inet6num, and aut-num objects using the form below:

Whois type	Public
Object type	inetnum
Object attribute	mnt-irt
Resource range	

Submit

- ▶ Domain objects (zone file upload)

My Profile

Home Resources Administration Events Tools

Home / My Profile

My Profile

Memberships Password reset Account permissions Digital certificates

Active

Account	Email address	Position	Corporate	Billing	Technical
APNICRANDNET-AU	<input type="text" value="george@apnic.net"/>	<input type="text"/>	✓		
APNICTRAINING-AU	<input type="text" value="george@apnic.net"/>	<input type="text"/>		✓	✓
MYAPNIC-TEST-AP	<input type="text" value="george@apnic.net"/>	<input type="text"/>	✓		✓

Member & Community Support

IPv6 Support

Outreach

- ASEAN ICT SMEs Conference, Hanoi
- IPv6 Event by ISOC HK, Hong Kong
- ICANN 49, IPv6 Roundtable, Singapore
- Global IPv6 and Next Gen Summit 2014, Beijing
- APEC TEL 49
- TWNIC OPM

APIv6TF

- Asia Pacific IPv6 Task Force
- APNIC continues to provide Secretariat services
- Met at APNIC 36 and APRICOT 2014/APNIC 37

IPv6 for Decision Makers

- White paper published
- www.apnic.net/ipv6-decision-makers

www.apnic.net/ipv6

Training

IPv6

- Continuing focus on IPv6 deployment

Hands-on

- Extensive exercises in virtual and physical training labs

eLearning

- Every Wednesday is IPv6 day; 179 hours training provided



ISIF and Seed Alliance

ISIF Asia

- Small grants and awards
- AUD 1.3m over 3 years (IDRC, Canada)
- So far, AUD 1.2m to 38 projects in 17 economies
- 2014 Call for Grants: 11 projects selected for implementation in 2014
- 2014 ISIF Asia Awards: 93 applications received; 34 passed pre-screening; 18 passed for full review

Seed Alliance

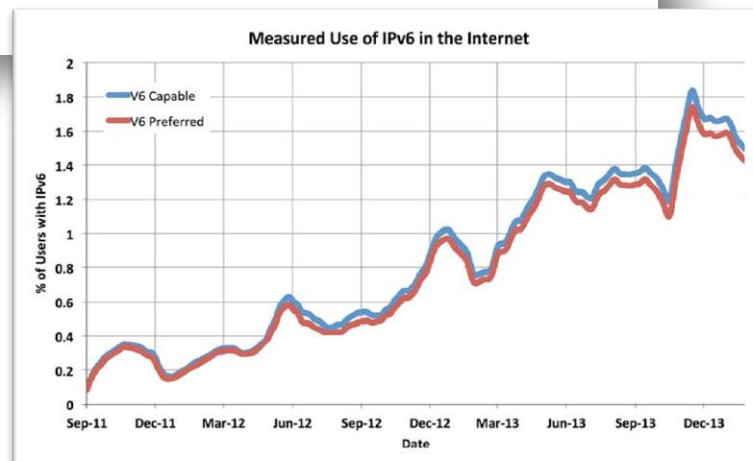
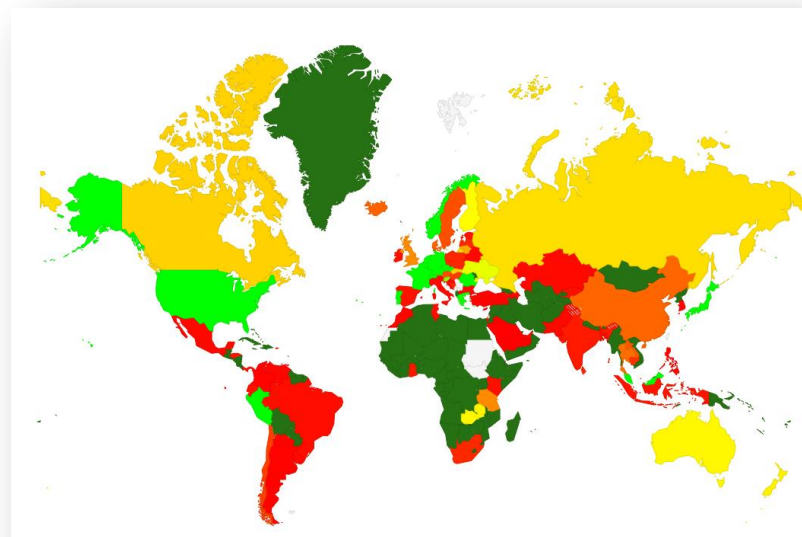
- Joint project of ISIF (APNIC), Frida (LACNIC), FIRE (AFRINIC)
- AUD 1.5m over 3 years (Sida, Sweden)

APNIC Labs

- Measurement activities
 - IPv6 readiness by economy and ISP; IPv6 performance
 - Repurposed IPv6 measurement for DNSSEC validation by economy and ISP
 - Tracking growth of routing table in IPv4 and IPv6
 - RPKI use across the Internet
- Long-term investigation exercise into evolving nature of dark traffic in both IPv4 and IPv6
- Internet number resource reporting and analysis

labs.apnic.net

blabs.apnic.net



APNIC Survey 2014

- Ran from 11 - 22 June 2014
- Received over 1000 completed responses
- Results will be announced at APNIC 38
- APNIC Surveys contribute to APNIC's future planning processes

Many thanks to all those
respondents who completed the
APNIC Survey 2014!

You're Invited!

- APNIC 38: Brisbane, Australia, 9-19 Sep 2014



- APRICOT 2015: Fukuoka, Japan, 24 Feb-6 Mar 2015



THANK YOU



www.facebook.com/APNIC



<https://twitter.com/apnic>



www.youtube.com/user/apnicmultimedia



www.flickr.com/photos/apnic