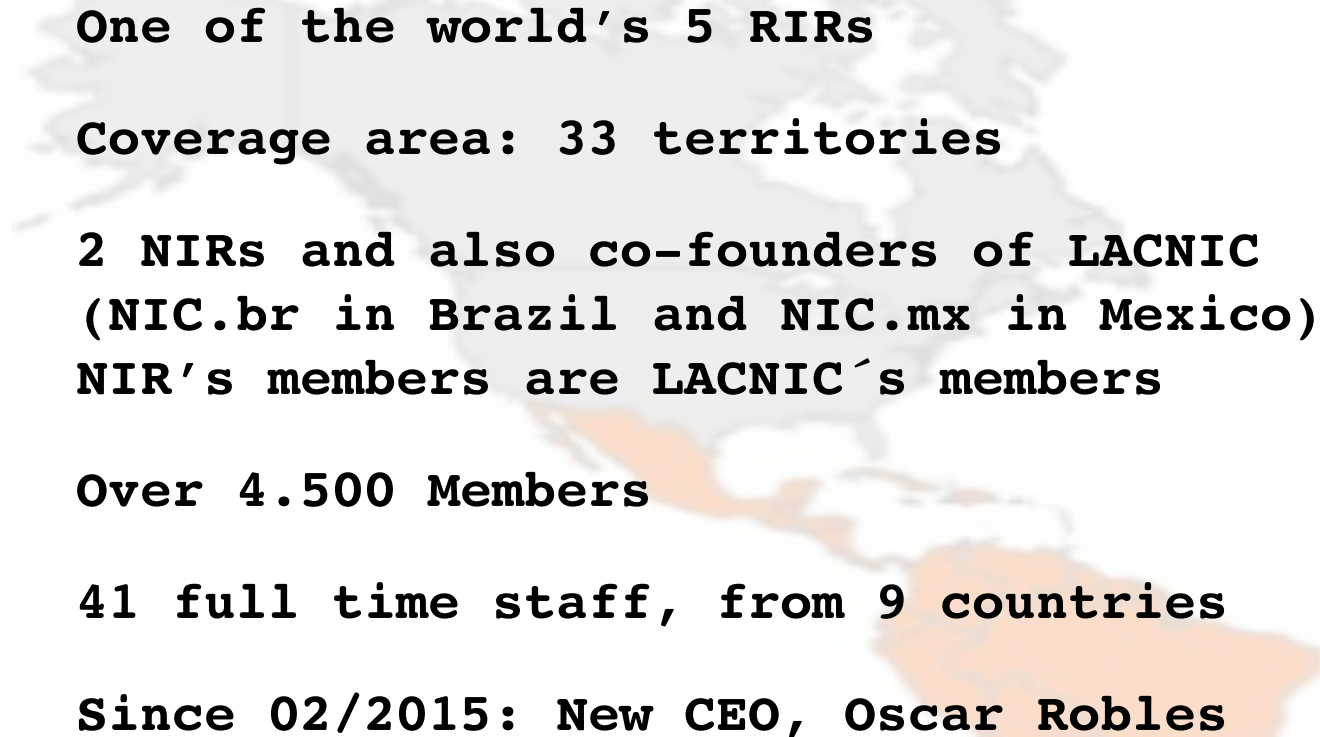


LACNIC Update Report

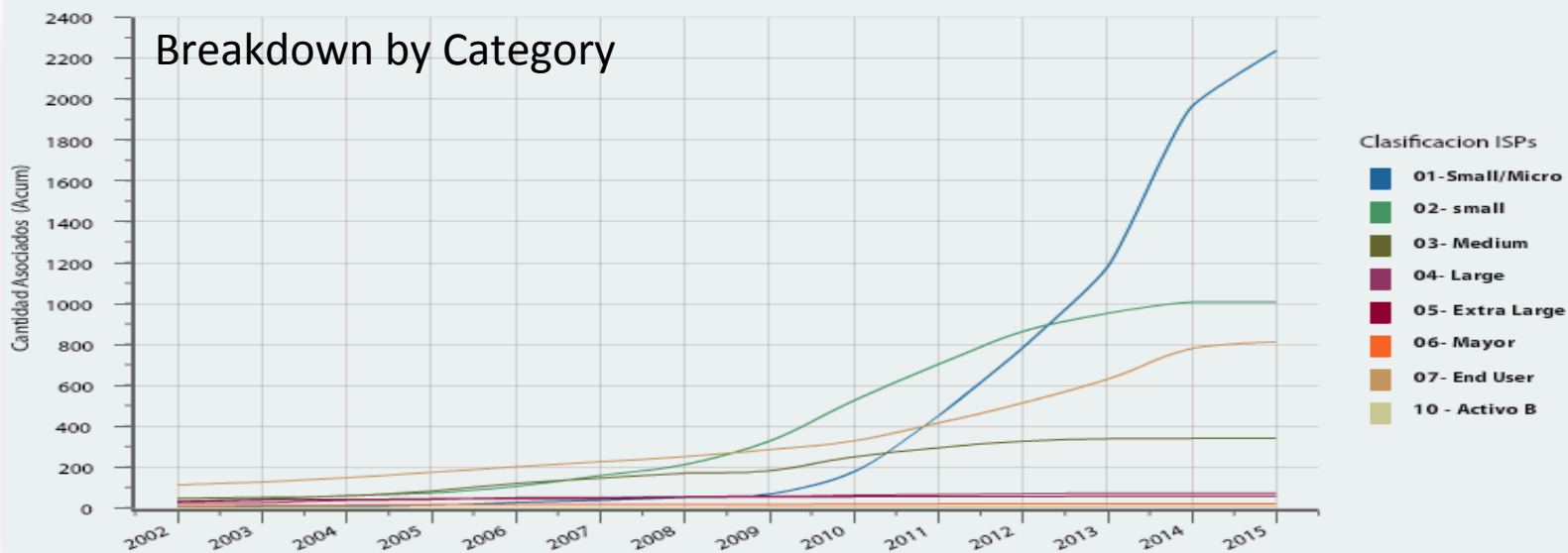
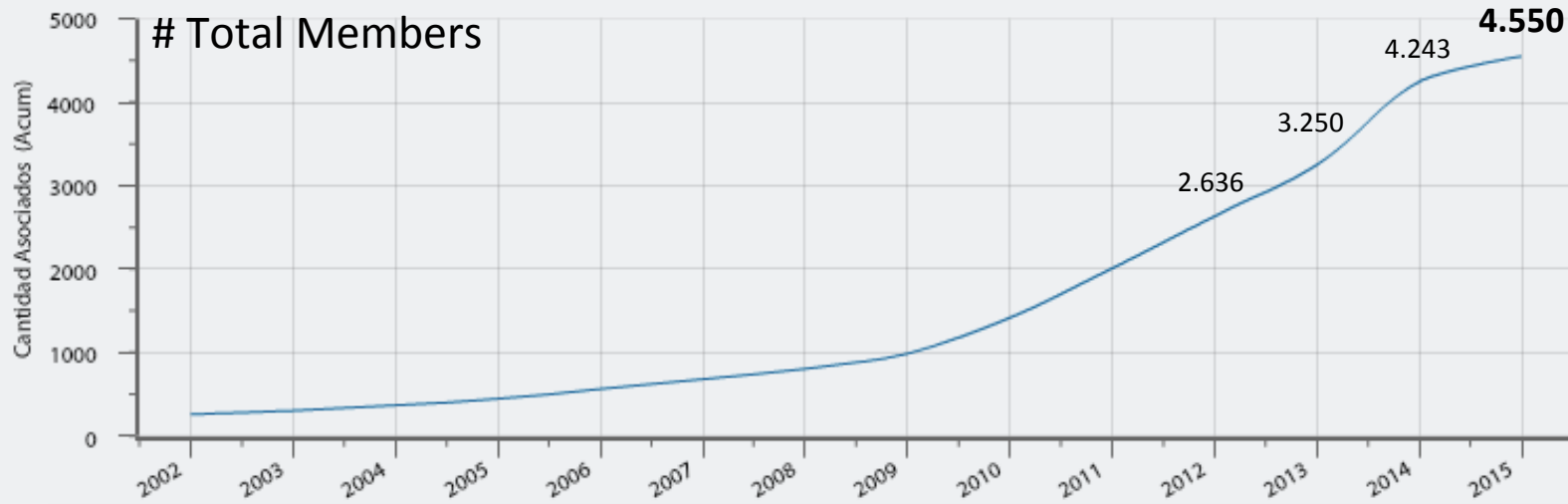




LACNIC at a glance

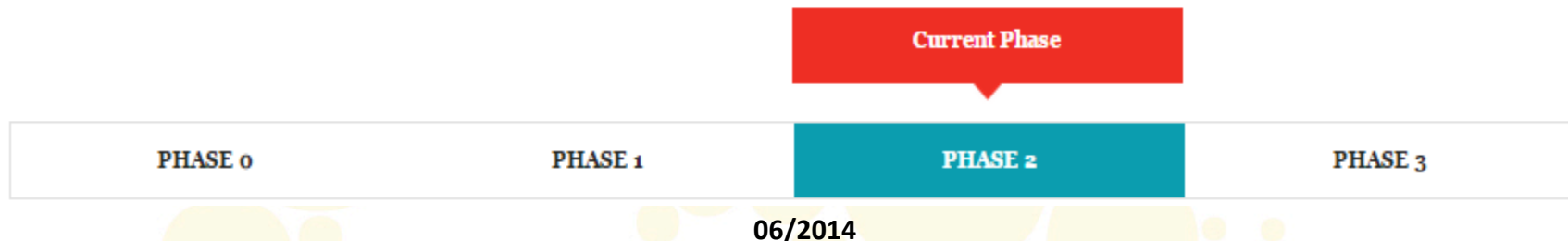
- **One of the world's 5 RIRs**
 - **Coverage area: 33 territories**
 - **2 NIRs and also co-founders of LACNIC
(NIC.br in Brazil and NIC.mx in Mexico)
NIR's members are LACNIC's members**
 - **Over 4.500 Members**
 - **41 full time staff, from 9 countries**
 - **Since 02/2015: New CEO, Oscar Robles**
- 

Membership Growth



Resources Update

IPv4 Depletion Phases



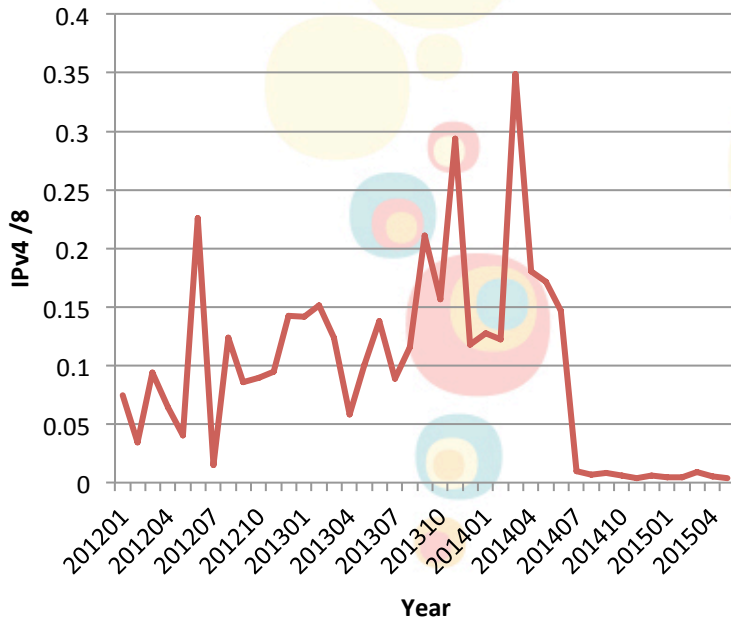
PHASE 2

- **Two /11 IPv4 blocks reserved:**
 - One for "Softlanding"
 - Another for NEW members only
- **For both blocks:**
 - Max allocation -> /22
 - Min allocation -> /24
- Organizations may **request additional resources** every 6 months. This process will be implemented until the /11 reserved for gradual exhaustion is finally exhausted.
- **Resources allocated by IANA to LACNIC** will only be allocated/assigned under the guidelines set forth on new members only (Phase 3)

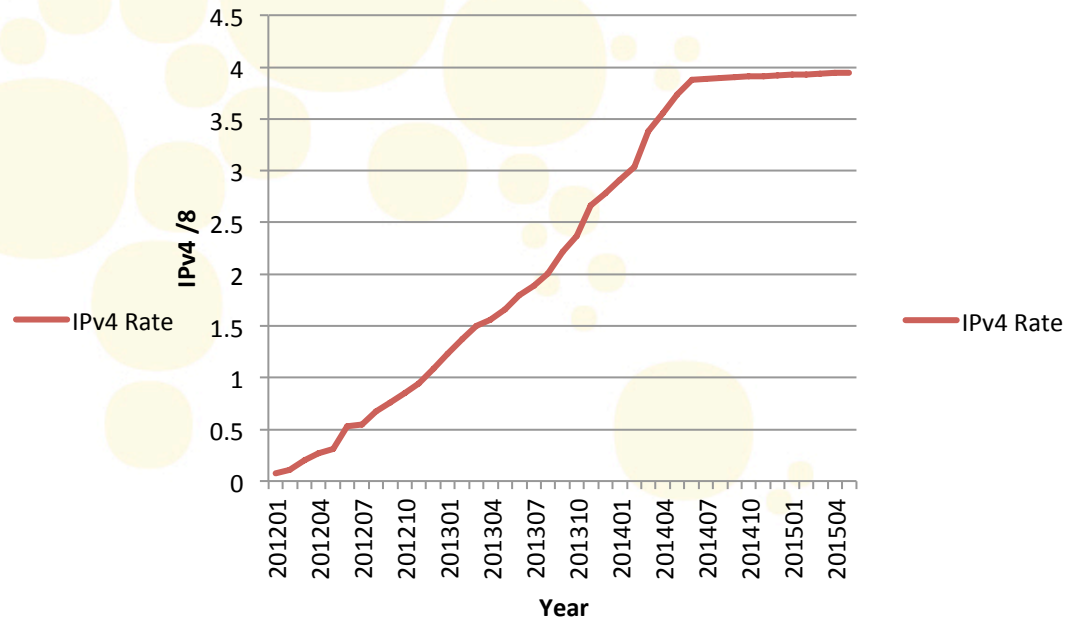
Resources Update

IPv4 Assignments

IPv4 /8 per Year



IPv4 /8 Accumulated

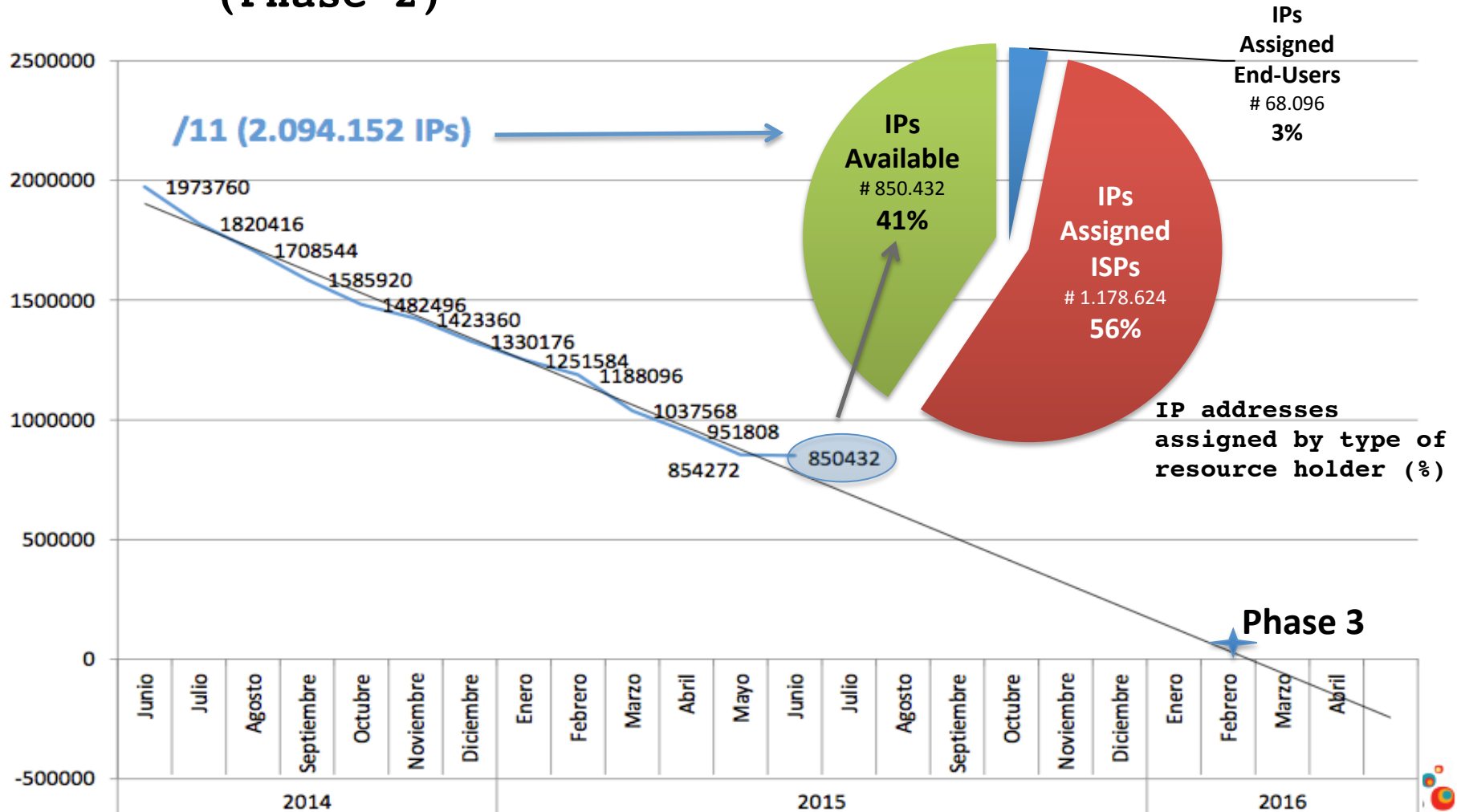


- **IPv4 Pool Status** (May 31, 2015)
2,918,656 Free IPv4 addresses (0.174 /8s)

Resources Update

Modeling Exhaustion (Phase 2)

Current state of the /11 block reserved for Phase 2.




Policy Update

<https://politiclas.lacnic.net/politiclas/list>

| | Proposal | Status |
|---|---|-------------------------------|
| 1 | LAC-2014-2: Modification to the text describing ASN distribution requirements | Implemented 12/2014 |
| 2 | LAC-2014-3: Update to the Policy Development Process | Last call for comments |
| 3 | LAC-2015-1: Trigger 2.3.2.18 when a justified request larger than /22 is received which can not be allocated from any remaining pool of addresses at LACNIC. | Under discussion |
| 4 | LAC-2015-2: Inter-RIR Transfers | Under discussion |



IPv6 & SECURITY

WORKSHOPS

- **IPv6** Workshop in Trinidad and Tobago (3/2015)
<https://eventos.lacnic.net/ev3/ipv6-trinidad/registry>
- Computer **Security** incident response in Costa Rica (3/2015)
Upcoming workshops: Paraguay and Cuba 
<http://www.proyectoamparo.net/es/taller-de-formacion-en-seguridad-informatica-costa-rica>

TRAINING COURSES



- First **IPv6** online course at LACNIC campus -> 03/2015
<http://campus.lacnic.net/> 
- First "**Testing v6**" Tutorial in LACNIC 23 (Perú)(5/2015)
- "Testing v6" online course will be launched in July 2015
<http://www.lacnic.net/en/web/lacnic/testingv6> 

OTHER INITIATIVES

LACNIC WARP: Computer **security incident response center** for LACNIC members focusing on incidents related to number resource misuse, operative since March 1st, 2015

<http://www.lacnic.net/en/web/warp/inicio>

CERTIPv6 and TESTINGv6:

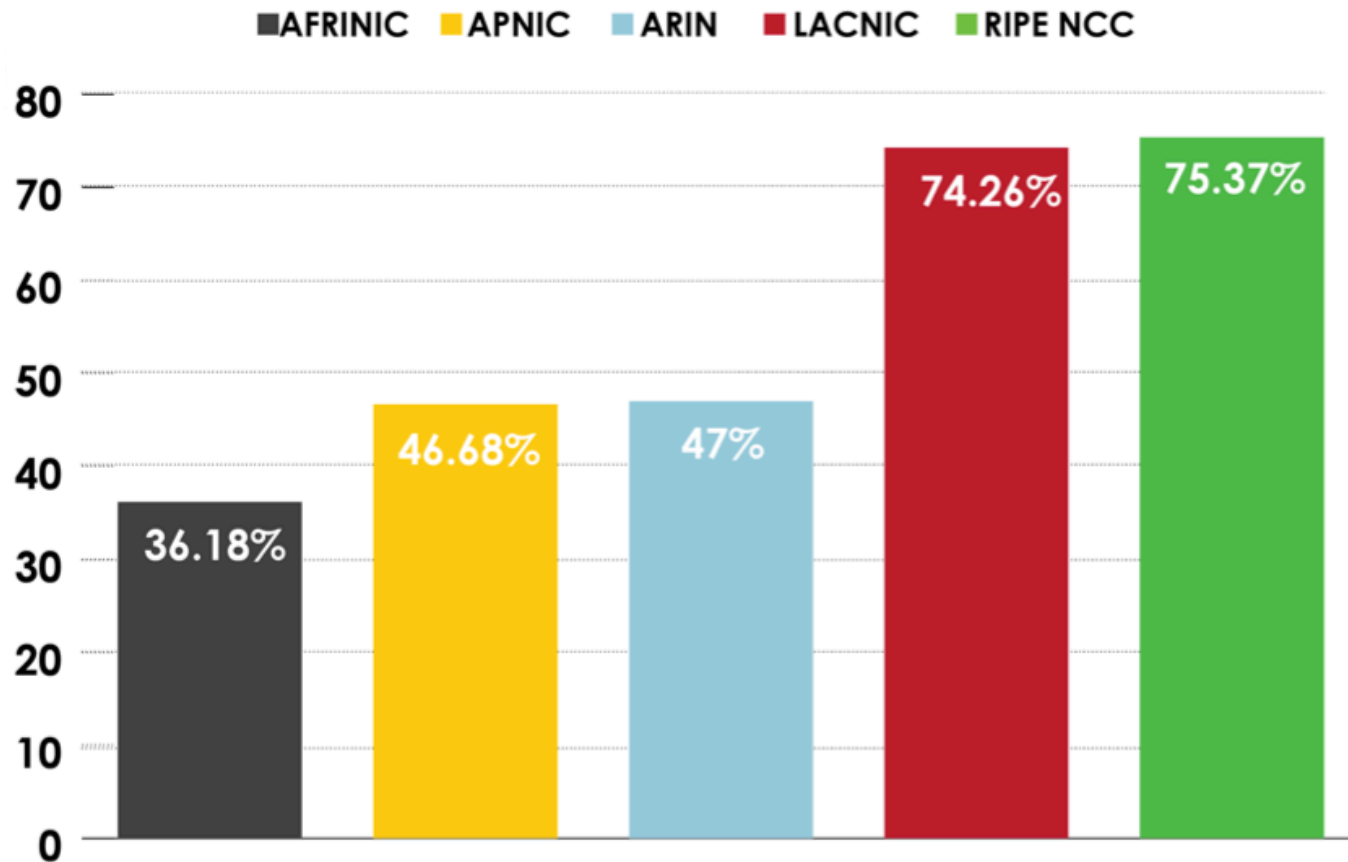
CERTIPv6: This is a generic methodology designed 2 years ago by LACNIC and CES (the Uruguayan Software Testing Center) for ensure compatibility of equipment and applications in IPv6

TESTINGv6: This is the name of several training courses on how to implement the methodology and test equipment and applications in IPv4, IPv6, and dual-stack environments.

<http://www.lacnic.net/en/web/lacnic/testingv6>

IPv6 Deployment

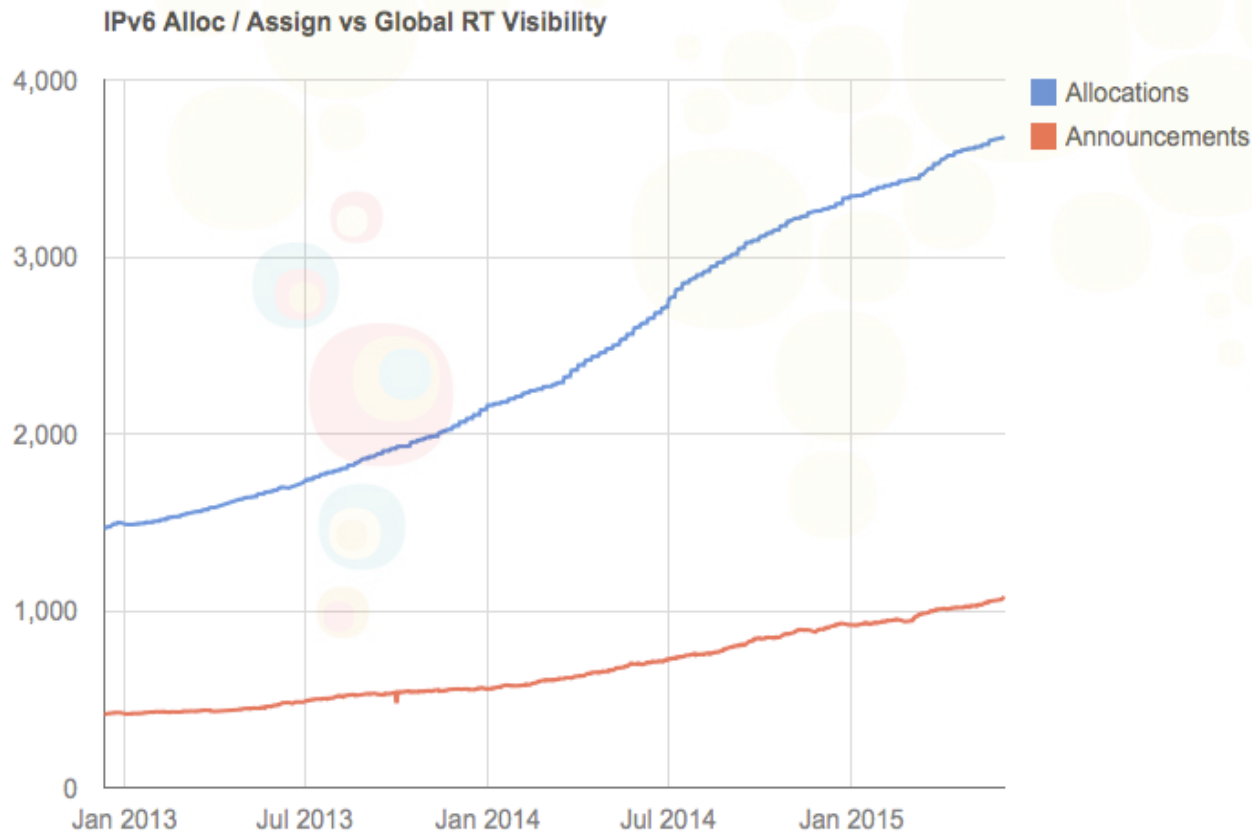
PERCENTAGE OF MEMBERS WITH BOTH IPv4 & IPv6 IN EACH RIR



Source: https://www.nro.net/wp-content/uploads/NRO_Q1_2015.pdf

IPv6 Deployment

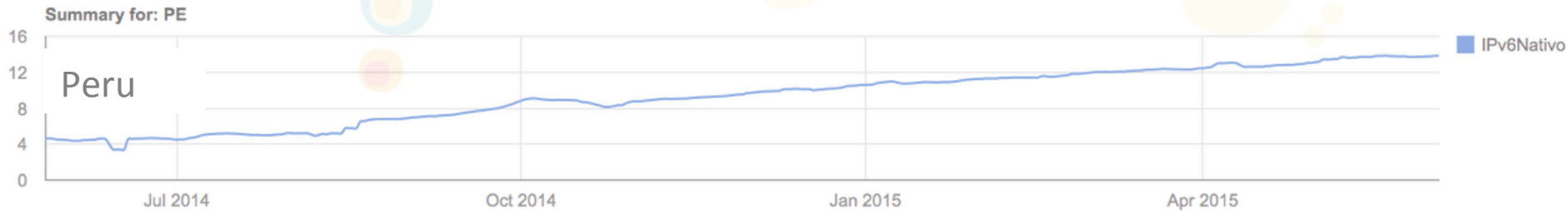
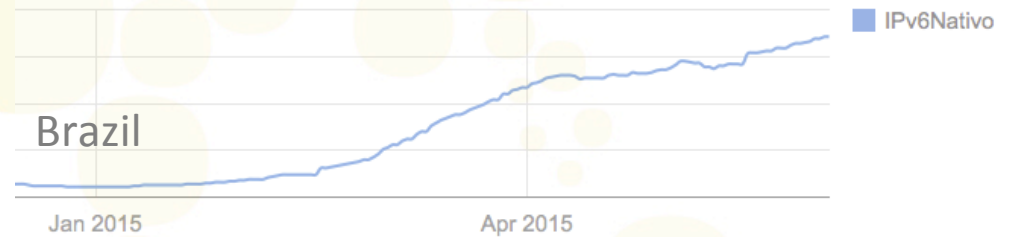
- Evolution of *'in use'* IPv6 assignments



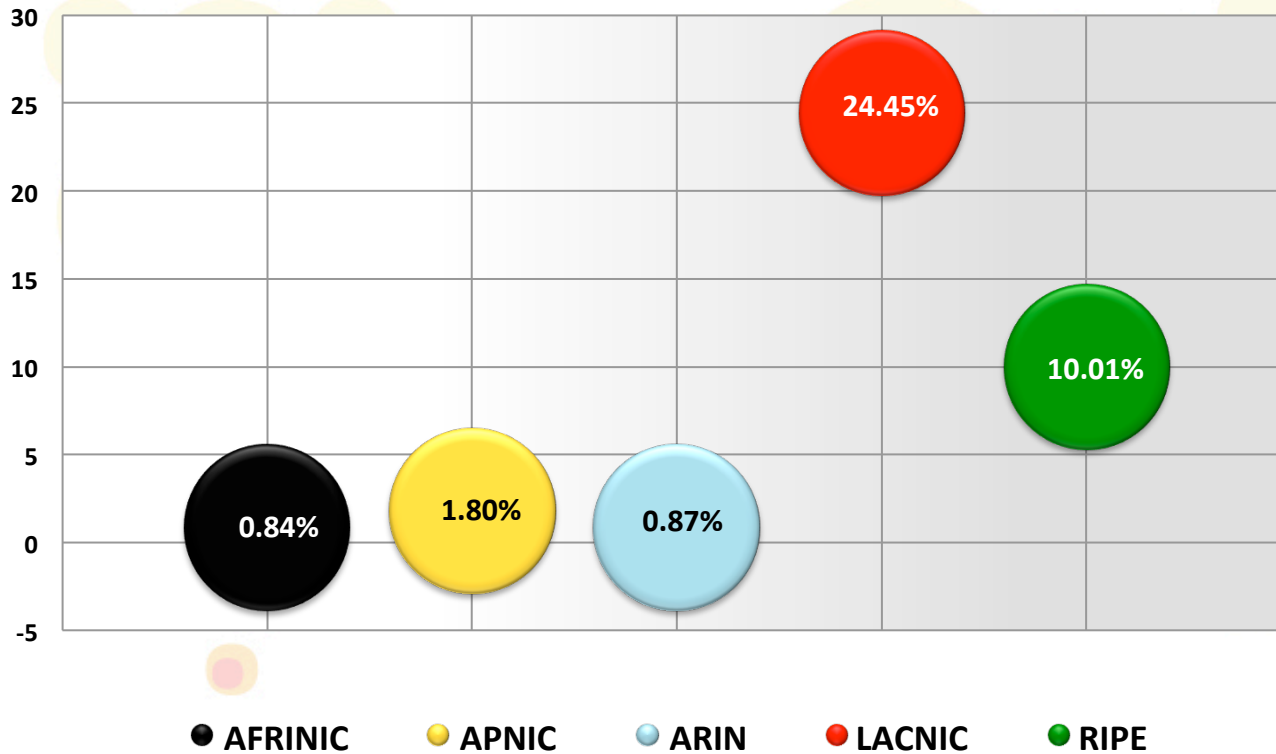
[1] *'in use'* defined as blocks routed totally or partially, not counting deaggregation

IPv6 Deployment

- Regional success stories
 - Peru (14% IPv6 preference)
 - Bolivia (2.5%)
 - Brazil (1.8%)



RPKI Adoption Rate (Breakdown per RIR)



Source: <http://rpki.surfnet.nl/perrir.html>

Internet Governance

&

Development and Community Building

- Active role as a RIR in the **IANA Functions Stewardship transition process**
- **LACIGF 8** (Aug 2015 – México) – **Preparatory meeting to the IGF** (Nov 2015 – Brazil)
- **AYITIC**: An initiative aimed at strengthening Haiti's digital capabilities
- **FRIDA Project**: Regional fund for Digital Innovation in Latin America and the Caribbean



Meetings/Events:



LACNIC23

18/22 Mayo | Lima, Perú

UPCOMING MEETINGS:



LACNIC 24/LACNOG 2015

Sept 28 to Oct 2, 2015

BOGOTA - COLOMBIA



LACNIC 25

May 2 to 6, 2016

LA HABANA - CUBA

Dankie Gracias
Спасибо شکرًا
Merci Takk
Köszönjük Terima kasih
Grazie Dziękujemy Děkojame
Ďakujeme Vielen Dank Paldies
Kiitos Täname teid 谢谢
Thank You Tak
感謝您 Obrigado Teşekkür Ederiz
Σας Ευχαριστούμ 감사합니다
ඔබටතෑක
Bedankt Děkujeme vám
ありがとうございます
Tack