

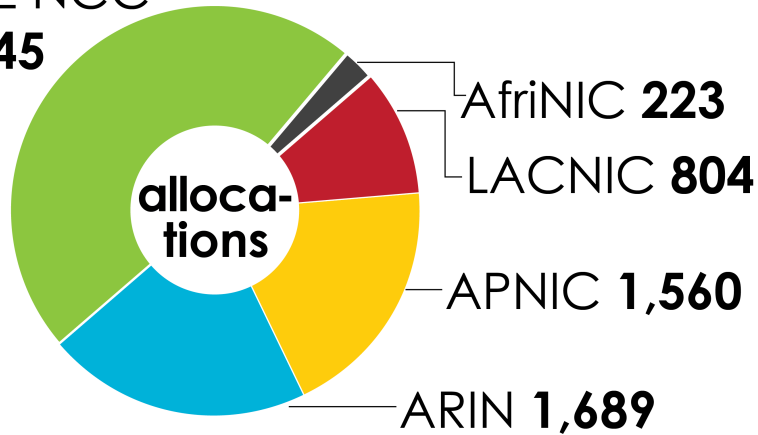


IPv6 Initiatives in Latin America and the Caribbean

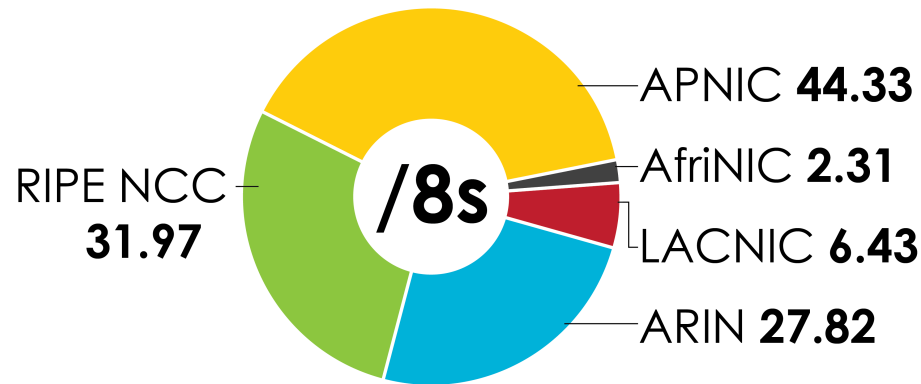
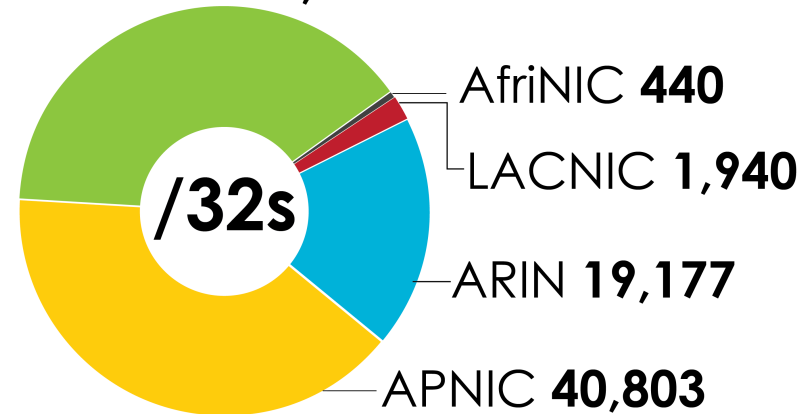
IPv6:and:IPv4::where:we:are:in:the :world



RIPE NCC
3,845



RIPE NCC **41,414**



Dec 2011, Source: Number Resource Organization



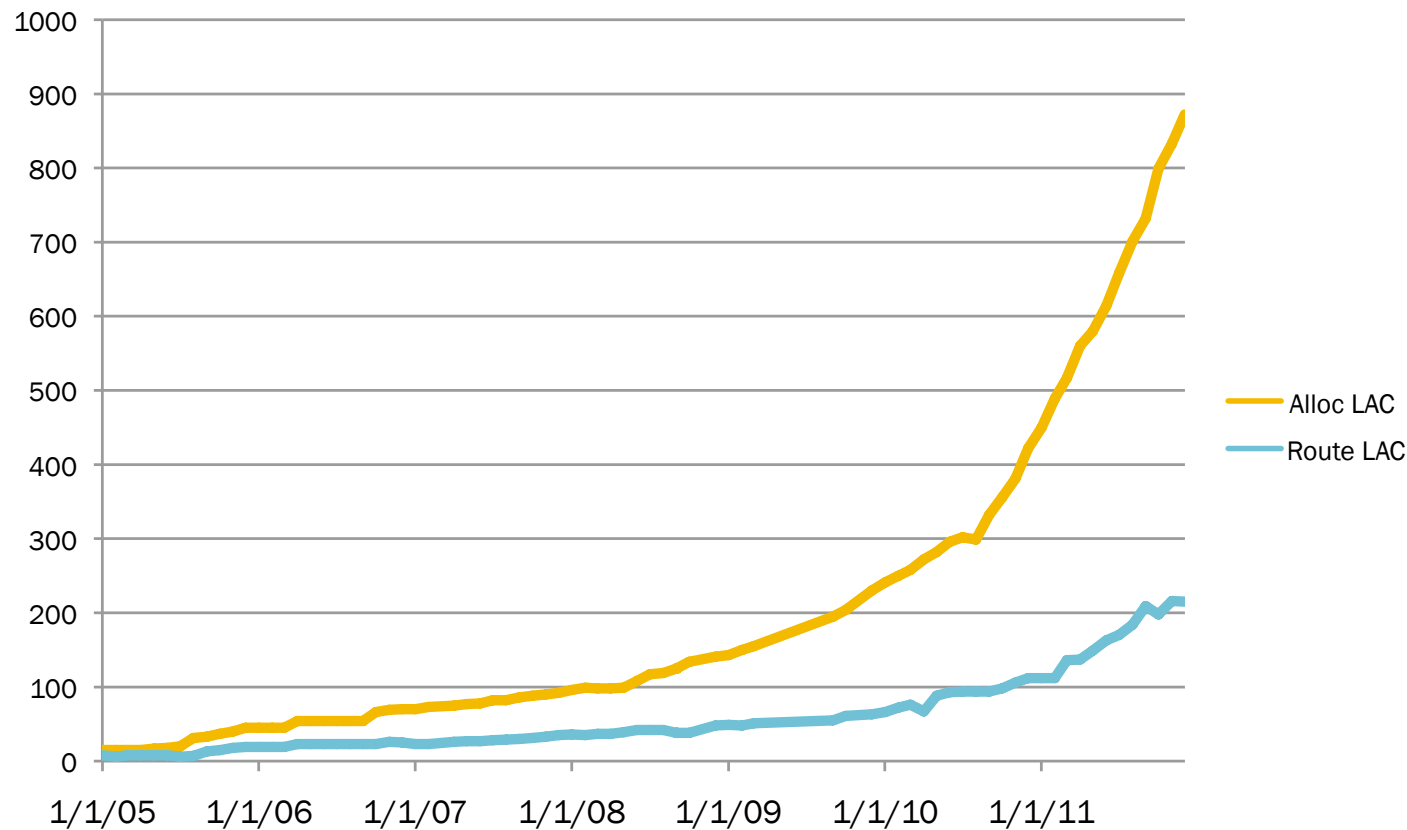
What:have:we:done:for:promoting: : ipv6:adoption?



- ▶ Lots of training (in the thousands)
 - ▶ Workshops
 - ▶ Tours
 - ▶ Webinars
- ▶ Advocating to:
 - ▶ ISPs
 - ▶ Government
 - ▶ ICPs
 - ▶ Universities and other large end-users



So::How:are:we:doing:?



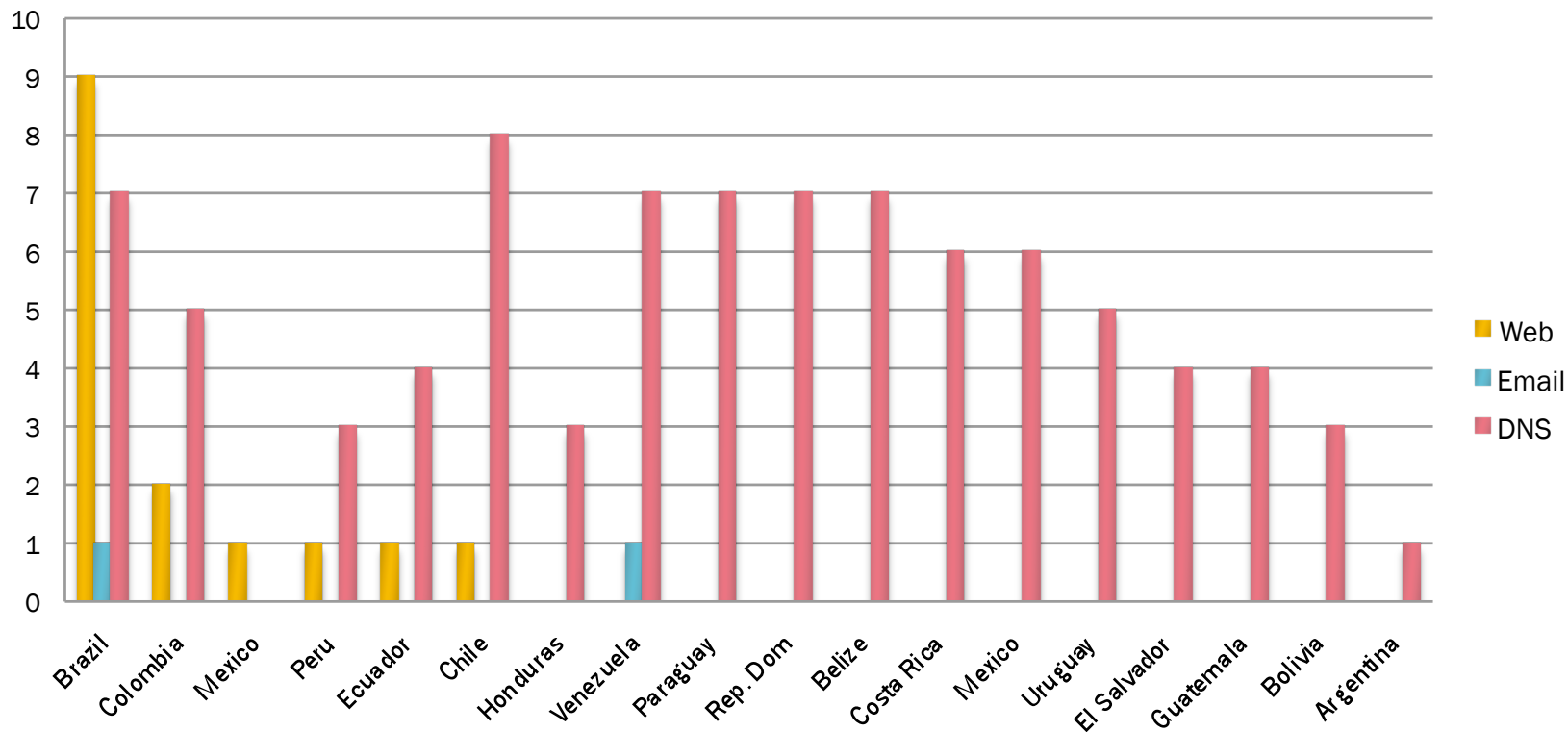
Jan 2012, Sorce: <http://portalipv6.lacnic.net>



In:content:delivery::and:infrastruct ure



From Alexa top 50 websites



Feb-2012 Source: <http://www.vyncke.org/ipv6status>





Regional:IPv6:Week::

- ▶ Coordinated test of IPv6 held from February 6 to 12, 2012
- ▶ Participation from websites, content providers, ISPs, NSPs, as well as final users
- ▶ The idea started in Brazil after the World IPv6 Day
- ▶ It became regional in LACNOG2011 in Buenos Aires
- ▶ The first test was very positive, but we needed:
 - ▶ More time to test
 - ▶ Another opportunity to bring on more people
 - ▶ Bring on ISPs as well





We aimed::

- ▶ To foster the various Internet players (users, ISPs, ICPs) to advance with IPv6 deployment.
- ▶ To bring this matter to the attention of more people and more companies.
- ▶ The dates were chosen to be the same as the Campus Party Brazil.
 - ▶ the participants of this event to navigate the websites
 - ▶ Campus Party participants to help, with related speeches, and with contests.



Participants

- ▶ CGI.BR – NIC.BR, ISOC, LACNIC as organizers
- ▶ 102 Organizations
 - ▶ 196 websites
 - ▶ webhosting and datacenters
 - ▶ 21 Telcos and ISPs
 - ▶ 11 Support organizations





Activities

- ▶ 6 Seminars during the Campus Party Brazil
- ▶ Various seminars organized by local Task Forces
- ▶ 3 webinars
 - ▶ World IPv6 Launch
 - ▶ IPv6 Introduction
 - ▶ IPv6 Security
- ▶ Contests
 - ▶ IPv6 check-in (almost 400 participants logging in from almost 1,500 different IPv6 networks)
 - ▶ “IPv6 Challenge” in Campus Party Website access (363 participants, 755,037 IPv6 pages visited)



Was:it:worth::it?

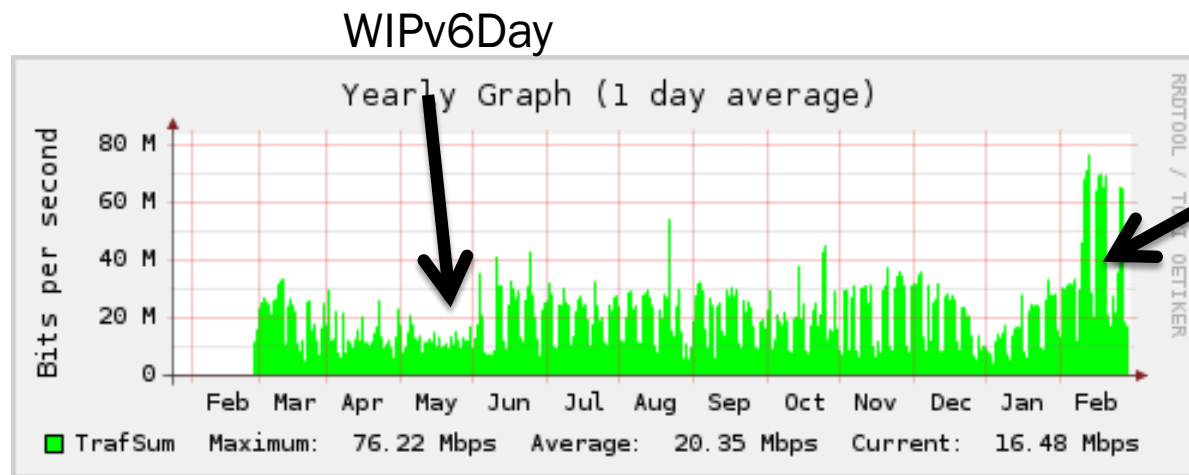


YES !!!!



Big::outcomes

- ▶ Important ICPs, Datacentres, hosting providers, and ISPs activated IPv6 and left it on. Some others at least started working on IPv6 deployments
- ▶ A lot of attention from press
- ▶ A lot of attention from non-technical people
- ▶ Still, some large access providers are not offering IPv6



IPv6 Week

Total IPv6 Aggregated IPv6 Traffic PPT-SP Brazil





What:we:learnt

- ▶ Hard dates are useful to set up goals
- ▶ It is possible to bring to the table large ISPs, but it is not easy
- ▶ We still need a lot of work to do
- ▶ We need to reach not just the technical people, but also the people making business decisions in ISPs, ICPs, etc
- ▶ People is installing IPv6 to keep (91% of participants still have their AAAA records)
- ▶ Regional efforts give results but require a lot of commitment and organization between several actors





Thanks!!!

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