

LACNIC Update

RIPE 75

Dubai, October 22-26th, 2017



Four Topics

1. Excellence in Internet Number Resource Management.

- Membership evolution
- Soft landing policy phases
- Elections Board of Directors

2. Continued strengthening of a secure, stable, open, and continuously growing Internet.

- Security, Stability, Resilience
- IPv6 Deployment
- Training

3. Promoting and enriching a participatory, bottom-up Internet governance model.

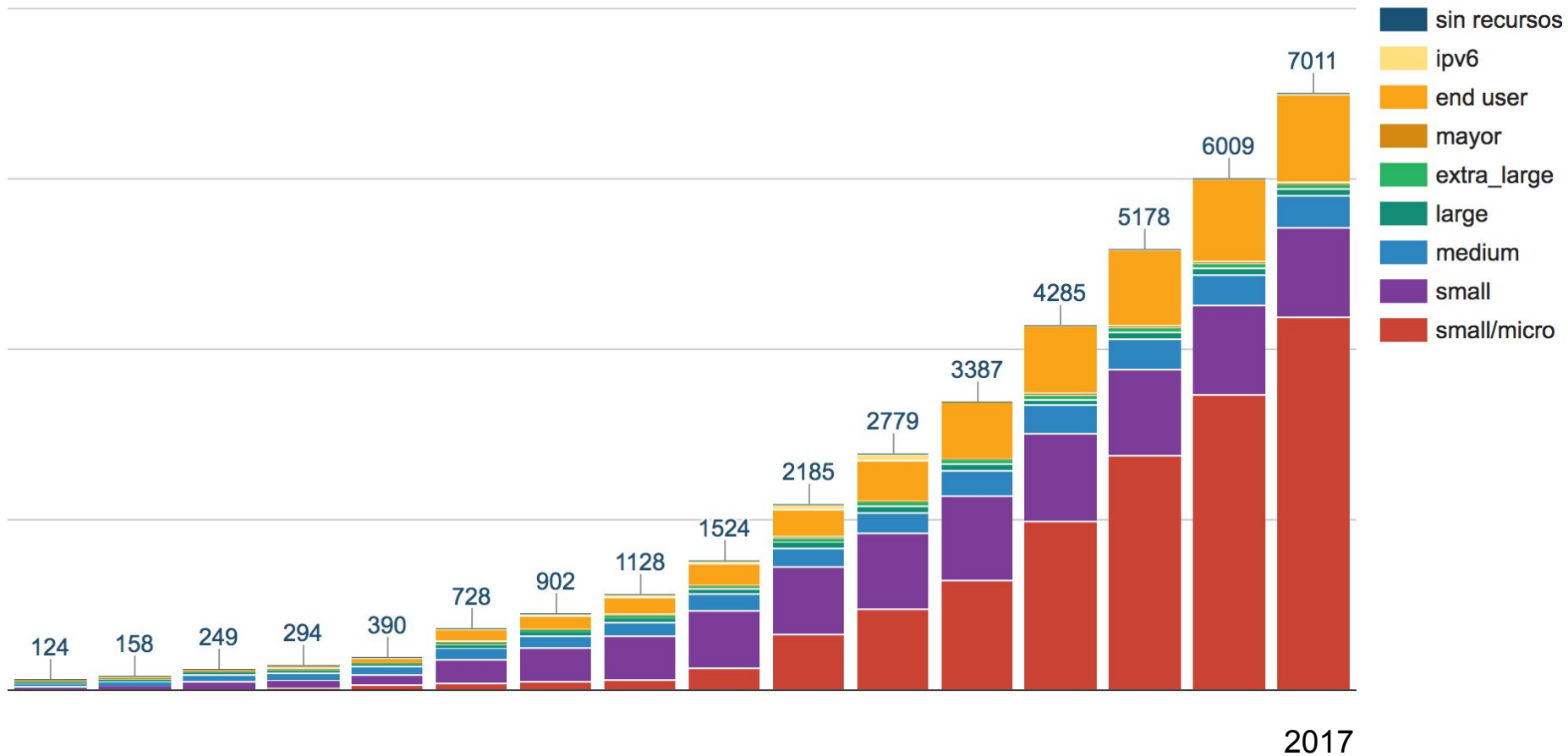
- PDP, news and proposals

4. Quality and Continuous Improvement.

- ISO 9001:2015
- Strategic Planning for 2017-2020

Resource Management

Membership evolution



Resource Management

Soft Landing Policy – Phase II

- Started in June 2014
- Maximum Allocation /22 every 6 months
 - Current members eligible to receive additional space
- Ended February 2017
- Pool size /10

Resource Management

Soft Landing Policy – Phase III

- Started in Feb 15th, 2017
 - “No IPv4 allocations or assignments will be made to organizations that have already been assigned or allocated IPv4 resources by LACNIC or by the organizations that preceded LACNIC in the region currently serviced by LACNIC.”
- Maximum allocation size /22 (one time)
- Pool size /10 (4,2 million addresses)
- This phase is expected to last 4 years or less.

Resource transfers

- After policy 2.3.2.18 was implemented other transfers are allowed
- Only intra-RIR transfers are permitted (Policy to allow inbound inter-RIR transfers is being discussed in the policy list).
- 10 transfers approved

Fecha	Organizacion oferente	Organizacion receptora	Bloque transferido	Fecha	Organizacion oferente	Organizacion receptora	Bloque transferido
10/11/2016	INTERDOTNET ARGENTINA S.A.	Massy Communications Ltd	186.96.208/20	16/05/2017	Linksol LTDA	Telbrax LTDA	177.107.128.0/20
14/09/2016	FASTBEE ARGENTINA S.A.	Setarnet	186.189.128/18	16/05/2017	Linksol LTDA	Telbrax LTDA	177.107.144.0/20
26/09/2016	Panamaserver.com	ARLINK S.A.	201.190.128/17	04/10/2017	FastBee Argentina S.A.	Setarnet	186.189.0.0/18
08/12/2016	ZENIX TELECOMUNICACIONES S.A.	IXP Ecuador	190.52.192.0/20	26/09/2017	PANAMA HOSTING TECHNOLOGIES	HUGHES DE COLOMBIA S.A.S.	186.1.128.0/19
08/12/2016	ZENIX TELECOMUNICACIONES S.A.	IXP Ecuador	200.107.248/21	29/08/2017	Oi Internet S/A	HUGHES TELECOMUNICACOES DO BRASIL	200.234.0/22
23/03/2017	Scarlet B.V.	Scarlet N.V.	190.185.80.0/20				
23/03/2017	Scarlet B.V.	Scarlet N.V.	190.185.64.0/20				
30/05/2017	Baru Hosting	TV AZTECA SUCURSAL COLOMBIA	186.148.160/19				
16/08/2017	Baru Hosting	Digicel Trinidad and Tobago Ltd.	181.118.32.0/19				

LACNIC Board of Directors (2017 elections)

- Two positions to be renewed
- 13 candidates from 10 different countries have been nominated.
- Voting 13-20 October
- Results will be announced on Nov. 3rd.

Continued Strengthening of a Secure, Stable, Open, and Continuously Growing Internet



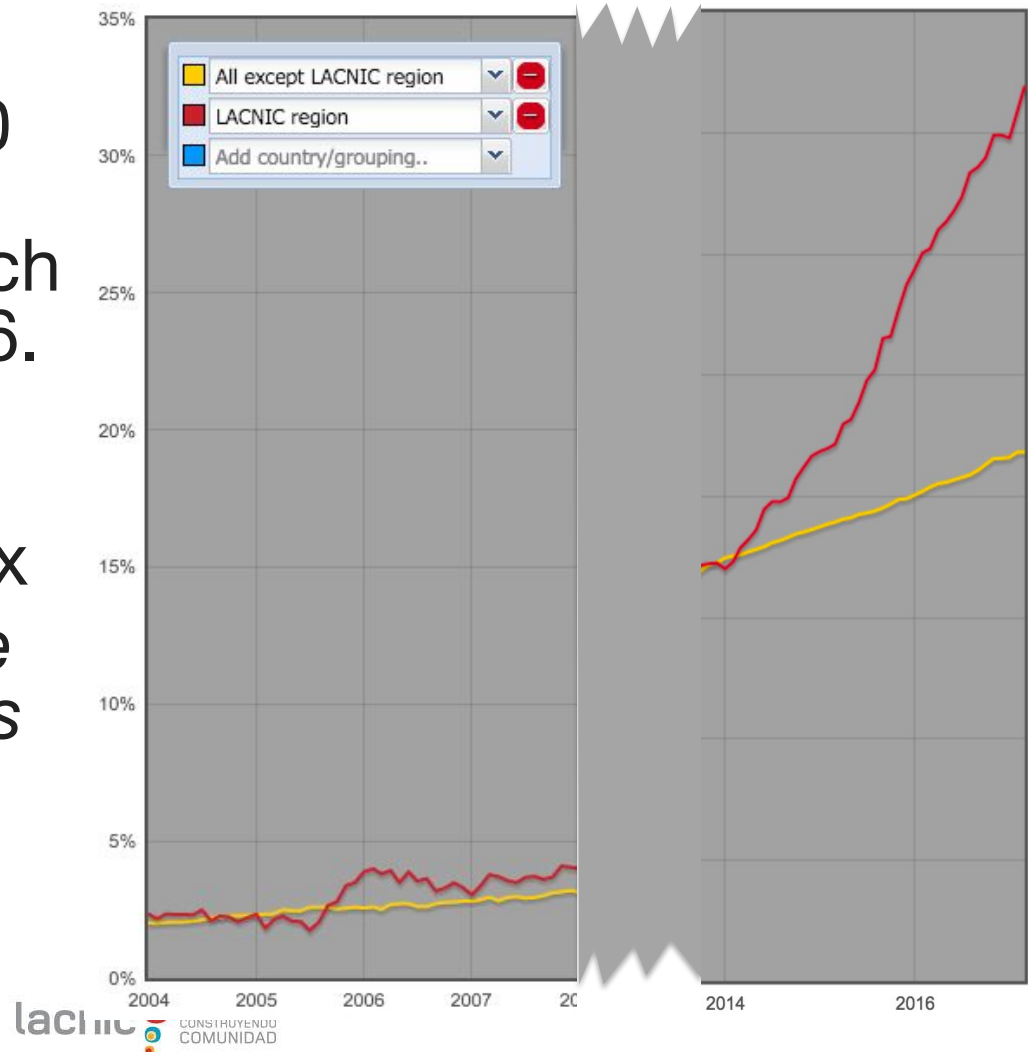
Security, Stability and Resiliency Initiatives

- Security and Stability in Routing
 - Resource Certification
 - Trust Anchors Alignment (AKA “0/0”)
 - RPKI outreach
 - Promoting IXPs in the region
 - ArNOG
- DNS Security and Stability
 - K-Root IPv6 enabled, global node @Montevideo, UY.
 - Concluded open call for new I-Root instances in the region, now working on getting them deployed

Secure, Stable, Open and Resilient Internet.

Networks announcing IPv6 prefixes (%ASN 31/Mar/2017)

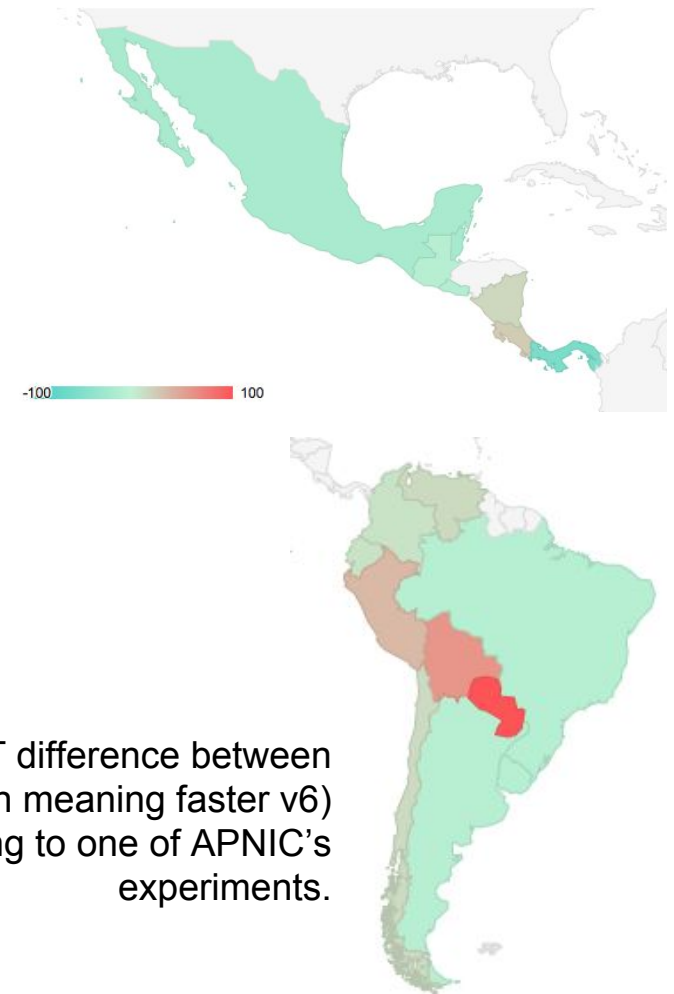
- There are approximately 5160 visible ASNs in the region, 37% of which are visible over IPv6.
- 2117 out of 5727 ASNs announce at least one IPv6 prefix
 - *Largest coverage in the five regions*



Secure, Stable, Open and Resilient Internet.

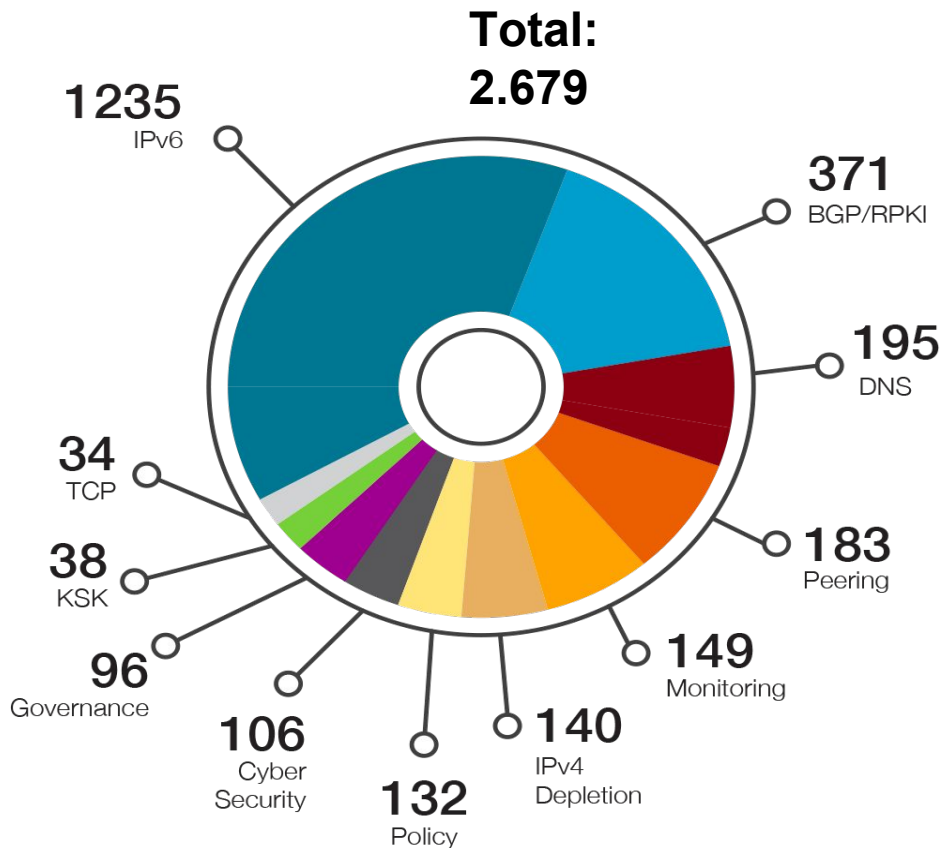
IPv6 Users per Country

- Several countries with growing adoption rates
 - BR ~22%
 - TT, EC ~18%
 - PE, UY ~14%
 - AR, BO, GT, MX ~5%
 - DO ~ 1.5%



Map showing RTT difference between v4 and v6 (green meaning faster v6) according to one of APNIC's experiments.

Training and Webinars (People trained by topic in 2017)



CAMPUS LACNIC

1.622 students so far this year, at the:

- IPv6 (basic) course
- IPv6 (advanced) course
- BGP+RPKI course

Number only for 2017.

FRIDA



FRIDA is the regional fund for digital innovation.

In 2017, the fund received 312 applications for the three supports available →
Competitive selection process

The program offered:

- Two Awards, including the Women in Technology Award
- One Technical Grant on Innovation for Internet Development

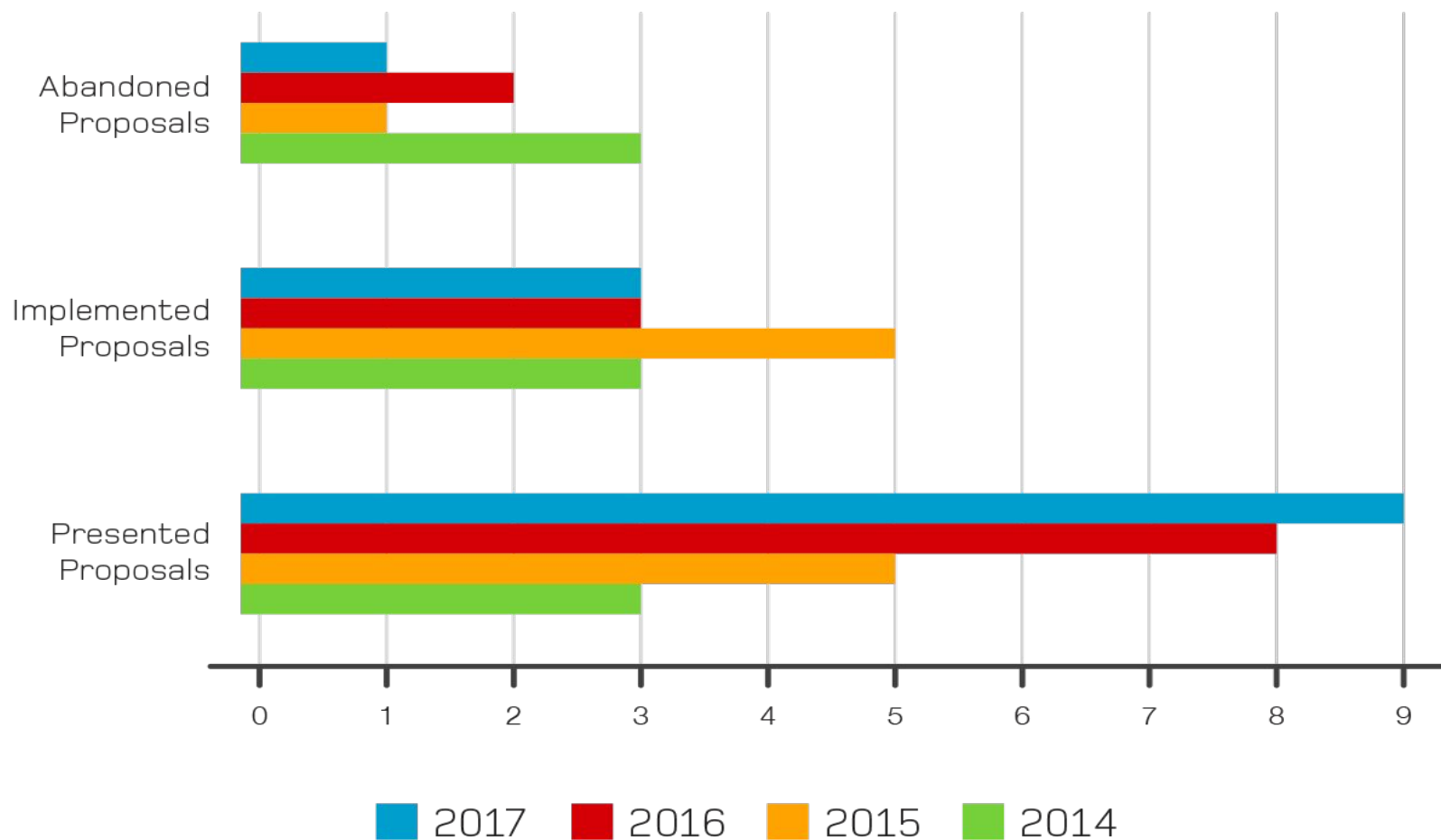
Winning projects included: an IoT initiative for climate change and disaster management in Dominica, an educational project that employs ICT in rural Cuba and a Brazilian organization that defends digital rights of LGBTI communities in the LAC region.

Detailed information on each of these projects is available on the FRIDA website.

Internet Governance Participative Model and Community Building



Number of Policy Proposals at LACNIC



Community Building

LACNIC on the Move 2017

- Guatemala (March 20 - 22)
Collaboration with ISOC Chapter Guatemala, Superintendencia de Telecomunicaciones, Internet Society and the ICANN Roadshow – 150 participants, mainly from the local community.
- Guyana: Internet Week Guyana (October 9 -13)
activities organised by the Ministry of Public Telecommunications (MOPT), CaribNOG, LACNIC, ISOC, ICANN, and CTU - 100 participants
- Medellín, Colombia (November 21-24)
Collaboration with MINTIC (Ministry of ICT)

Quality and Continuous Improvement



Repeatable Processes and Continuous Improvement

- **ISO 9001:2015** re-certification.

- Core Processes:

- Registry and Management of Number Resources Process
- Policy Development Process
- Events Organization Process



Launch of milacnic.lacnic.net

- IPv4, IPv6, ASN and DNS inverse resolution management.
- RPKI resource certification.
- ROAs validation and modification

milacnic

Sistema de Gestión

Id. usuario

Contraseña

Iniciar Sesión

[¿Olvidó su contraseña?](#) | [¿Olvidó su Id. Usuario?](#)

Crear una cuenta nueva



Strategic Plan 2017-2020

- LACNIC Strategic Planning cycles varies from 3 to 4 years.
- Latest completed was 2012-2016.
- Executing 2017-2020 Strategic Plan
 - Clarity added to Mission and Vision definitions.
 - Minor changes to general strategy. New Strategic Goals added to focus on:
 - Transparency; Risk Management and Fee structure sustainability.

LACNIC 29 – Panama

23-27th April 2018

A promotional banner for LACNIC 29 2018 in Panama. The background features a large, colorful 'PANAMÁ' sign with people sitting on it, set against a city skyline at dusk. The text 'lacnic29' is prominently displayed in white and yellow, with '2018 - CIUDAD DE PANAMÁ' below it. Logos for the National Authority for Government Innovation, the Government of Panama, and LACNIC are at the bottom.

lacnic29
2018 - CIUDAD DE PANAMÁ


Autoridad Nacional para
la Innovación Gubernamental
innovamos para ti


GOBIERNO DE LA REPÚBLICA DE
PANAMÁ

 lacnic

Thank you!

LACNIC Update

RIPE 75

Dubai, October 2017

