



ANNUAL
REPORT
2017
lacnic

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Wardner Maia / President of LACNIC's Board of Directors

A Year of Great Progress

The year 2017 was particularly outstanding, as we celebrated LACNIC's first fifteenth anniversary and consolidated LACNIC at regional and global level, strongly perfecting our mission and institutional organization.

We approved a new membership structure which is more fair, efficient and resilient and will afford greater sustainability to Internet number resource management for Latin America and the Caribbean. This year LACNIC surpassed 7,200 members, a 23% increase compared to 2016.

We reinforced our democratic and transparency mechanisms, always striving to encourage and increase community participation in decisions that are key to the regional Internet ecosystem.

It was perhaps one of the years during which we worked most intensely on promoting the IPv6 protocol. While we worked on this in the entire region, we placed emphasis on the countries with a lower degree of IPv6 readiness. The result was a change of scenario, as several countries have now reached significant levels of IPv6 adoption and several others already beginning the process.

We sought to increase community participation and involvement by visiting our members in countries with low levels of participation, and we continued to organize LACNIC On The Move events in order to bring the organization closer to its members and the Internet community in general.

Another initiative worth highlighting is the creation of Mi LACNIC, a platform that provides LACNIC members with a single place where they can manage all aspects of their number resources.

Likewise, through its Campus, in-person training activities and webinars, LACNIC's Training Center provided training to more than 4,100 professionals representing public and private organizations throughout the region.

As always, this work was carried out in tune with other organizations that are part of our ecosystem. In this sense, Casa de Internet for Latin America and the Caribbean symbolizes this integration and way of working.

1. LACNIC

1.1 What is LACNIC?

The Internet Addresses Registry for Latin America and Caribbean is an international non-government organization established in Uruguay in 2002. It is responsible for assigning and managing Internet number resources (IPv4, IPv6), Autonomous System Numbers and Reverse Resolution for the region.

LACNIC contributes to Internet development in the region through an active cooperation policy, promotes and defends the interests of the regional community, and helps create conditions such that the Internet will become an effective instrument for social inclusion and economic development in Latin American and the Caribbean.

Vision and Mission

LACNIC's vision is to lead the strengthening of a Single, Open, Stable and Secure Internet at the service of the development of Latin America and the Caribbean, promoting the collaborative Internet model.

Its mission is to manage Internet number resources for Latin America and the Caribbean through the participatory development of policies, based on a culture of excellence, transparency and continuous improvement, adding value to our community by:

- Building capacity within the regional community through training, cooperation and collaboration with other organizations;
- Engaging in, and contributing a regional perspective to, industry and Internet Governance forums;
- Strengthening the multistakeholder, participatory, bottom-up Internet Governance model; and
- Promoting the use and development of Internet standards, involving the regional community in the process.

LACNIC seeks to be a permanent regional leader on issues related to Internet development.



LACNIC Board of Directors

LACNIC is managed and administered by a Board of seven directors elected by LACNIC members, more than 7,200 organizations operating networks and providing services in 33 different Latin American and Caribbean territories. The LACNIC Board is a representative expression of the organization's members, as Directors are elected by direct vote. In 2017, the LACNIC Board was made up as follows:

Name	Position	Country	Term ends in
Wardner Maia	President	Brazil	December 2019
Oscar Messano	Vice President	Argentina	December 2017
Hartmut Glaser	Treasurer	Brazil	December 2018
Alejandro Guzmán	Deputy Treasurer	Colombia	December 2018
Javier Salazar	Secretary	Mexico	December 2019
Gabriel Adonaylo	Deputy Secretary	Argentina	December 2017
Rafael Ibarra	Member	El Salvador	December 2018
Oscar Robles Garay	Executive Director / CEO		

In October 2017, the LACNIC community voted among 13 candidates to fill two positions on the LACNIC Board. Rosalía Morales and Gabriel Adonaylo were elected and will serve a three-year term beginning on 1st January 2018 and ending on 31st December 2020.



Fiscal Commission

The Fiscal Commission is LACNIC's control organ, charged with supervising that all accounting and administrative standards are met and overseeing compliance with LACNIC's legal and statutory framework. In 2017, this Commission was made up as follows:

Name	Country	Term
Hernán Arcidiácono	Argentina	2017 Elections - 2020 Elections
Aristóteles Dantas Gaudêncio	Brazil	2016 Elections - 2019 Elections
Adriana Ibarra	Mexico	2015 Elections - 2018 Elections

Electoral Commission

The Electoral Commission organizes and supervises elections to ensure the transparency of each process. It oversees and decides on any issues that might arise during an election and is responsible for counting votes and proclaiming the final results.

Name	Country	Term
Vivian Valverde	Costa Rica	2017 Elections - 2020 Elections
Horacio Tedesco	Argentina	2016 Elections - 2019 Elections
Marcelo Corradini	Brazil	2015 Elections - 2018 Elections

1.2 Our Members

Organizations which receive IP addresses directly from LACNIC automatically acquire member status. Different member categories and levels have been established according to the size of the address space managed by each organization.

LACNIC members enjoy exclusive benefits such as reserved seating for online and in-person training activities, free registration to annual events, personalized newsletters, assistance in handling computer security incidents, and access to Mi LACNIC, a resource management platform, among others.

LACNIC closed the year with more than 7,300 members, among them the most important companies, organizations and universities of Latin America and the Caribbean.

Detailed information regarding membership categories and member rights and obligations is available in the LACNIC [Bylaws](#).

[Membership FAQ](#).





1.3 The LACNIC Team

For the sixth year in a row, LACNIC was named one of the best places to work for in Uruguay according to the ranking prepared by international consultants Great Place to Work. This annual study is conducted in over 45 countries worldwide and in 2017 it ranked LACNIC among the top 10 companies to work for in Uruguay.

As part of its continuous improvement efforts, this year LACNIC launched Me cuido +, a wellness program that seeks to strengthen personal awareness in each of our collaborators, allowing time and creating spaces for their emotional, spiritual and physical development.

“We at LACNIC believe it is essential to maintain an excellent working environment that allows continuously improving our daily performance and generating alternative solutions to the challenges we face,” noted LACNIC CEO Oscar Robles.

Uruguay

GREAT
PLACE
TO
WORK®

2017

Los Mejores Lugares
para Trabajar™

1.4 LACNIC in 2017



IPv4 Exhaustion

LACNIC announced that the final phase of IPv4 exhaustion had been triggered. Policy 11.1 came into force this past February, so IPv4 addresses can now only be assigned to organizations that have not already received IPv4 space from LACNIC.

Mi LACNIC

Launching of Mi LACNIC, a clear, user-friendly platform that unifies resource management and streamlines the relationship with LACNIC members. Since its launch, Mi LACNIC has attracted more than 3,000 users.

Partnerships to Promote Cybersecurity

LACNIC's computer security warning, advice and reporting point for members of the LACNIC community (LACNIC WARP) formalized agreements with major international organizations dedicated to promoting cybersecurity, data protection and safe online habits.

These include FIRST (Forum for Incident Response and Security Teams), M3AAWG, Level 3, and Stop Think Connect.

LACNIC On the Move Guatemala

The year's first edition of LACNIC On The Move took place in Guatemala City and brought together more than one hundred participants representing academia, the technical community, civil society and governments who participated in high-level conversations and technical training activities led by different experts.

2017 Amparo Workshops

Three Amparo workshops were held last year to train computer security experts and teach participants how to create a computer security incident response center. More than 90 participants received expert training at these workshops which took place in Haiti, Suriname and Medellín, Colombia.

Ayitic Goes Global

Ayitic Goes Global stems from a prior initiative led by LACNIC which ran from 2013 through 2016. Originally launched as Ayitic – a combination of 'Ayiti' (the country's name in Haitian Creole) and 'TIC' (Spanish for ICT) – the project focused on strengthening Internet infrastructure by training local technicians. Three editions were organized with the original format, where a total of 289 individuals received training on topics such as network management, security, wireless technology, IPv6 deployment, and others.

With the support of the IDRC, this initiative has been redesigned to drive Internet development based on current demands – the growth of digital markets – and promote inclusive access. Therefore, Ayitic Goes Global now seeks to increase Haitian women's access to employment by developing digital capabilities in the field of ICTs.

During the G20 summit of world leaders in Hamburg, Germany, the Canadian Government presented this project as an emblematic initiative among others seeking to bridge the digital gender divide in developing countries.

LACNIC 27: Experts Highlight the Growth of IPv6 Deployment in Latin America and the Caribbean

The IPv6 protocol is essential for Internet development and growth, and last year this protocol achieved considerable levels of deployment and traffic in the LAC region. These were the conclusions of leading information and communication technology (ICT) experts who met during the LACNIC 27 event, which brought together more than 735 participants.

Not only is the IPv6 protocol key for promoting the development of the Internet of Things (IoT) in the region, it is also a vital tool for connecting the 40% of Latin Americans who are still not connected to the Internet.

LACNIC 27 took place in Foz do Iguaçu on 22-26 May with the support of NIC.br and CGI.br.

LACNIC and LACRALO Sign Agreement to Promote Internet Standards in the Region

During the LACNIC 27 meeting, LACNIC signed a cooperation agreement with the Latin American and Caribbean Regional At-Large Organization (LACRALO) to work jointly on the programs led by both organizations with the aim of developing Internet infrastructure and services in the region.

The two organizations plan to work together to strengthen regional participation in the global Internet ecosystem by means of fellowships and outreach programs for issues involving Internet number resources.

Face-to-face meeting of COMTELCA's Standardization Committee

Durante los días 3, 4 y 5 de mayo 2017 se realizó en la Ciudad de Managua, Nicaragua la primera reunión presencial del Comité de Normalización de COMTELCA. En esta reunión se discutieron temas relevantes para la generación de un diagnóstico que pueda brindar detalles sobre el avance de la adopción de IPv6 en la región de Centroamérica.

Training Offerings through the LACNIC Campus

This year, the LACNIC campus increased its offerings and added a new course: BGP Basics and Introduction to RPKI.

This training on BGP and RPKI adds to the Basic and Advanced IPv6 courses, all of which are offered in an attempt to satisfy the region's growing demand for distance learning. In all, twelve editions of LACNIC's different online courses were organized in 2017.

Latin American Telecommunications Congress

A panel was organized in coordination with ISOC and ICANN to discuss relevant Internet issues within the framework of the Latin American Telecommunications Congress organized by GSMA and ASIET in the city of Cartagena, Colombia. Oscar Robles participated as moderator of the panel on The Internet in regulated environments.



Winners of the 2017 Edition of the FRIDA Program

Two projects were selected as the winners of the FRIDA Award and received funding from the program: [Armonía](#) and [Coding Rights](#). In addition, one project was awarded a FRIDA grant: [Weather Stations in Schools Using the Internet of Things \(IoT\)](#). The winning projects were selected among 312 proposals received from 23 different countries. One hundred and forty-nine of these were submitted to the FRIDA Awards, while 163 applied for a FRIDA Grant.

VI Regional CEABAD Forum

The VI Regional Forum on Digital Economy organized by the Center for Advanced Studies in Broadband for Development (CEABAD) was held on 5-6 July in Managua, Nicaragua. LACNIC moderated the panel on Public-Private Partnerships in the Digital Economy Era, which highlighted the work of LACNIC with public and private actors in benefit of regional Internet development.

Workshop on Smart Cities in the Americas – Innovation and Sustainability

LACNIC organized a workshop on Smart Cities in the Americas – Innovation and Sustainability, which was held in Mexico City within the framework of the la XXXI Meeting of the Inter-American Telecommunication Commission's Permanent Consultative Committee. Close to one hundred participants attended the event where professionals, regulators and governments of the region shared their ideas and projects with OAS member country representatives, members of academia and business organizations.

LACIGF in Panama

The 10th meeting of the Latin American and Caribbean Internet Governance Forum took place in Panama City, with the support of IPANDETEC as local host. LACIGF is the most important regional space for discussing Internet Governance issues. It is led by a multistakeholder Program Committee and LACNIC acts as its Secretariat.



ICANN Board Visits Casa de Internet

The LACNIC Board had the pleasure of receiving the ICANN Board at Casa de Internet in the city of Montevideo to celebrate together 15 years of work and dedication to Internet development in Latin America and the Caribbean. The construction of a Latin American and Caribbean Internet community and successfully managing number resources have only been possible thanks to the participation of multiple stakeholders throughout these 15 years of sustained, constant growth in the region.

Lifetime Achievement Award

José Clastornik received the 2017 Lifetime Achievement for his constant efforts to promote Internet development in the region, particularly in Uruguay, the country where he heads AGESIC, the National Agency for Electronic Government. The award was presented within the framework of the LACNIC 28-LACNOG 2017 meeting during a ceremony that was attended by a large number of members of the regional community.

LACNIC 28 - LACNOG 2017 in Uruguay

LACNIC 28 welcomed special guests and Internet experts who met to analyze the impact of the Information Society in Latin America and the Caribbean, the status of the Internet of Things in the region, and to assess the major threats to cybersecurity at regional level. The meeting was co-organized by ANTEL and AGESIC, and was held in Montevideo, Uruguay, on 18-22 September.

First LACNIC Hackathon

During the weekend following the LACNIC 28 - LACNOG 2017 meeting, LACNIC and AGESIC organized the first LACNIC Hackathon, a space that brought together interesting project ideas and participants willing to contribute to solving the different challenges.

LACNIC Technical Forum

Announcement of the creation of the LACNIC Technical Forum, a space that unifies the work of the Security, Interconnection and IPv6 Forums which will allow offering better coordinated content and broadening the spectrum of technical issues addressed during the event (e.g. DNS). The first edition of this new forum is scheduled to take place during the LACNIC 29 meeting, which will kick off on 30 April and run through 4 May in Panama City.

lacnic 
15 años 
— 2002 • 2017 —
**CONSTRUYENDO
COMUNIDAD** 

Fifteen Years, More than 7,000 Members

LACNIC celebrated its 15th anniversary as a Regional Internet Registry (RIR) with more than 7,000 members throughout Latin America and the Caribbean.

The number of member organizations in the thirty-three territories that are part of the LACNIC service region doubled over the last three years and reached 7,200 in October.

Since its creation in 2002, LACNIC contributes to regional Internet development by promoting and defending the multiple and varied interests of the Latin American and Caribbean community. LACNIC has been working this way for 15 years, and this has only been possible thanks to the collaboration and constant support of the community through the different participation and dialogue spaces created to listen and learn from others. This year we interviewed fifteen members of the community and asked them to share with us their experiences and what being part of the LACNIC community has meant to them. These interviews – including personal anecdotes and opinions on Internet development in the region – are available at the following link: www.lacnic.net/15aniversario

Internet Week Guyana

Internet Week Guyana, an event organized jointly by the Ministry of Public Telecommunications of Guyana, LACNIC, CaribNOG, ISOC, ICANN and the Caribbean Telecommunications Union, took place in October. The fourth day of the event was reserved for LACNIC On The Move Guyana, which included presentations on IPv6, the policy development process, LACNIC services and other relevant topics.

ITU World Conference on International Telecommunications

LACNIC participated in the latest edition of the ITU World Telecommunication Development Conference where, among others, the decision was made to promote the sharing of experiences and information on IPv6 adoption in developing countries and to work in coordination with the Regional Internet Registries (RIRs) to generate IPv6 capabilities. As noted in the resolution of the ITU World Conference on International Communications held in Argentina, the proposal is based on the fact that the IPv6 protocol is a necessary condition for the development of the Internet of Things (IoT) and the promotion of best practices.



WALC 2017

LACNIC participated in the IPv6 track at the 20th edition of the Workshop for Latin America and the Caribbean held in San Salvador, where WALC was congratulated on its twentieth anniversary as the region's first itinerant school. Since their inception, LACNIC participates in these meetings and cooperates in training experts in IPv6 deployment.

LACNIC among the Top 10 Places to Work

For the sixth year in a row, in 2017 LACNIC made the list of the top ten places to work for in Uruguay according to the ranking prepared by international consultants Great Place to Work. This year, LACNIC took the sixth place in this prestigious competition in the category of up to 150 employees.

LACNIC On the Move Medellín + Amparo Workshop

The third 2017 edition of LACNIC On The Move took place on 22-24 November at EAFIT University in Medellín, Colombia, and was organized jointly with the Government of Colombia.

The event focused on sharing information, experiences and best practices in BGP, IPv6 deployment, IoT, as well as key aspects related to Internet security and stability currently under debate.

More than fifty participants attended LACNIC On the Move Medellín, an event co-located with the Amparo Workshop which focused on training computer security incident response teams.

Policies Submitted and implemented in 2017

In 2017, the LACNIC community submitted twelve policy proposals, nine of which were approved and implemented. These nine policies are as follows: modification of the requirements for the initial assignment of IPv4 addresses to end users, modification of 'subsequent allocation' for IPv6, modification of the resource recovery process, reduction of the last-call-for-comments period in LACNIC's Policy Development Process, modification of the size of initial IPv6 allocations, addenda to the policy on resource revocation, modification of the minimum size of initial allocations to ISPs, and possibility of rectifying the size of initial allocations.



Internet Governance Forum

The 2017 Internet Governance Forum, a space for dialogue that brings together nearly 3,000 professionals from around the world to discuss and analyze relevant Internet development issues, took place at the United Nations headquarters in Geneva from on 18-22 December. LACNIC actively participated both as a collaborator on several panels and also as part of the Number Resource Organization (NRO). The work of the FRIDA Program at the event as part of Seed Alliance is also worth noting.

More information on LACNIC's participation at the IGF:
<http://prensa.lacnic.net/news/gobernanza-de-internet/lacnic-en-el-igf-2017>

Visiting LACNIC members

Since the project started, meetings have been held with more than 180 organizations in 20 different cities in 16 countries throughout the region. In 2017, LACNIC visited organizations in Guatemala (March), Colombia (April), Mexico (June), Peru (July), and Chile (August).

Questions for Dr. IPv6

Dr. IPv6 allows members of the community to send their questions regarding the IPv6 protocol and receive answers in podcast format by experts who are also part of the community. So far, Dr. IPv6 has received 19 questions. In 2017, this project received more than 1,700 visits from people interested in listening to the answers provided by the experts participating in the initiative, with the highest number of visits coming from Colombia, Argentina and Uruguay.

Líderes Project

Through its Líderes project, this year LACNIC promoted the sharing of experiences and discussions on the most relevant Internet governance issues at the national forums organized in Costa Rica, Guatemala, Peru, Bolivia, Argentina, Panama, and Uruguay, as well as at LACIGF, a regional space devoted to the strengthening of the Internet. This year, Líderes focused its support on new spaces, seeking to establish good practices in Internet governance debates.

One of the issues that gained greater prominence at the national IGFs held in 2017 was cybersecurity, a topic that covers not only technical aspects, but which also requires the participation of actors in other areas such as legal matters and awareness-building, particularly as it relates to the protection of children.

2. Internet Number Resource Management

The soft-landing policies for Phase 2 of IPv4 exhaustion were applied in 2017. In this phase the maximum assignment is a /22, the minimum assignment is a /24, and organizations that are already members of LACNIC may receive additional IPv4 address space after a six-month waiting period.

Likewise, according to the global policies in force, LACNIC received from the IANA the seventh and eighth of the eleven blocks to be received under the Global Policy for the Allocation of the Remaining IPv4 Address Space. As a result of these two assignments, a /19 and a /20 were received.

As for number resource assignments, 1,549 IPv6 assignments were made during 2017 in the LACNIC service region, resulting in a cumulative total of 6,832 assignments at the end of the year. The number of members with IPv6 assignments reached 90.99%.

IPv4 address assignments followed a pattern similar to that of the previous year, with a slight increase of 2.2%. A total of 6,323 /24s were assigned in 2017, compared to 6,464 /24s assigned in 2016.

In turn, there was a significant increase in ASN assignments (49.1%) compared to 2016, and the year ended with 1,398 assigned ASNs.

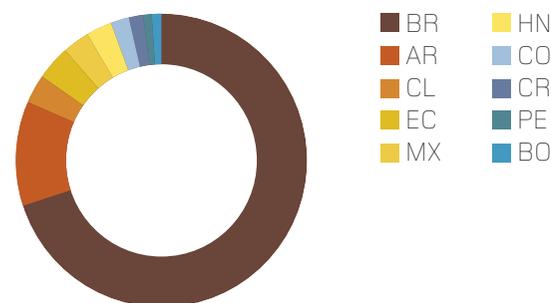
To summarize, during 2017, number resource assignment totals were as follows:

- IPv6: 1,549
- IPv4: 1,691
- ASN: 1,398
- IPv6 space in /32s: 1,429
- IPv4 in /24s: 6,464

The number of available IPv4 addresses (31st December 2017) was 3,690,987.

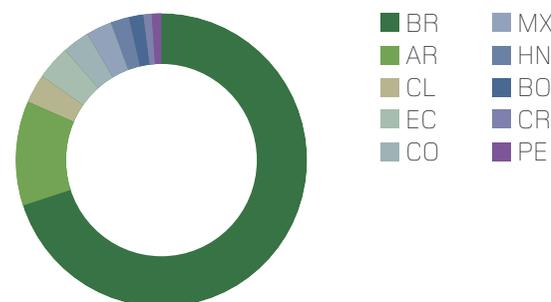
Distribution of IPv4 Assignments in 2017 by Country

Brazil took the highest percentage of the IPv4 resources assigned in 2017 (71.1%), followed far behind by Argentina (11.1%) and Chile (3.4%).



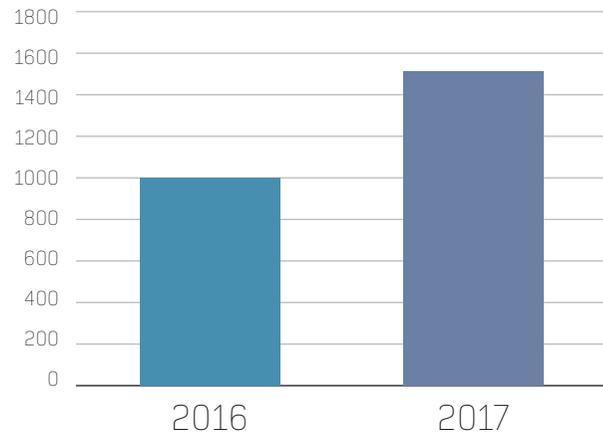
Distribution of IPv6 Assignments in 2017 by Country

With 71.9% of the total, Brazil also led the list of countries with the highest number of IPv6 assignments in 2017, followed by Argentina (11.5%) and Chile (3.4%).



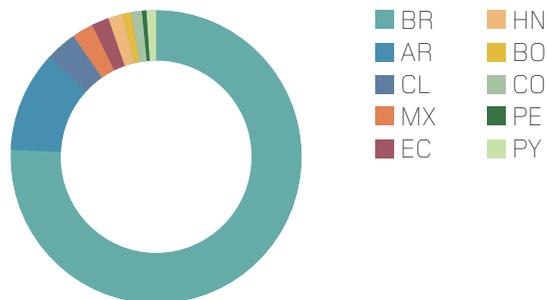
Number of IPv6 Assignment Requests by Year

In 2017 there was a significant increase in the number of IPv6 requests compared to 2016: 1,008 IPv6 assignments were made in 2016, compared to 1,549 made in 2017.



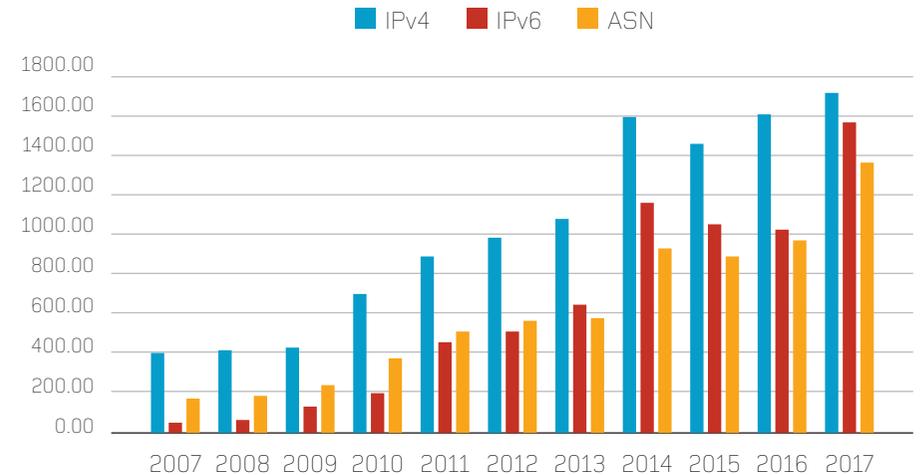
Total Number of ASNs Assigned in 2017

Brazil and Argentina also received the highest number of IPv6 assignments in 2017. Overall, 75.2% of ASNs were assigned in Brazil, a clear sign of the growth of the Internet market in that country. Argentina and Chile were next in the ranking, having received 12.7% and 2.1% of the assignments, respectively.



Evolution of Number Resource Assignments

The final graph highlights the evolution of number resource assignments in general (IPv4, IPv6, ASN) since LACNIC's creation in 2002.



A comparison with 2016 shows a 49.5% growth in ASN assignments, a 3.48% growth in IPv4 address assignments, and a 53.6% growth in IPv6 address assignments.

3. The LACNIC community

3.1 Fifteen Years

Building Community

LACNIC community refers to the entire regional Internet community and fully embodies the principle of multistakeholderism and open, bottom-up processes. Anyone interested in participating in our discussion lists, our meetings and our policy development processes is welcome to do so, whether an end user or an organization regardless of its structure.

Throughout 2017, LACNIC celebrated its 15th anniversary under the motto “Fifteen years building community.” Since its creation in 2002, LACNIC has always worked to promote and defend the multiple and varied interests of the Latin American and Caribbean community.

This way of working has only been possible thanks to the collaboration and constant support of the community through the various participation and dialogue spaces created to listen and learn from others. For this reason, LACNIC wanted to mark its 15th anniversary by publishing a series of interviews offering different perspectives on the construction of the collaborative Internet model in the region.

More information: <http://www.lacnic.net/15aniversario>





Adriana Ibarra

<https://goo.gl/XZHd3c>

"Leadership, transparency, outstanding technical capabilities and, above all, warmth – these are the features that identify the community."



Adriana Rivero

<https://goo.gl/PTURqS>

"Today, the community considers LACNIC to be a key, relevant player within the Internet ecosystem."



Bernadette Lewis

<https://goo.gl/de7TEM>

"Today, the community considers LACNIC to be a key, relevant player within the Internet ecosystem."



Cristine Hoepers

<https://goo.gl/arSxtf>

"LACNIC has provided a Regional Forum where we can share our experiences, discuss new technologies and propose initiatives for a better Internet."



Florencio Utreras

<https://goo.gl/jxh2BJ>

"The LACNIC community is identified by its generosity and commitment to regional Internet development."



Harmut Glaser

<https://goo.gl/TV47Xt>

"Since its inception, LACNIC has been permeated by a multistakeholder spirit which continues to this day."



Ida Holz

<https://goo.gl/zXFmrk>

"LACNIC played a major role in the creation of Casa de Internet for Latin America and the Caribbean, an unprecedented initiative."

Jorge Villa

<https://goo.gl/E2U31g>

"Thanks to this community, our voice is heard in every forum. The LACNIC community is an essential pillar for both the region's present and its future."



Mariela Rocha

<https://goo.gl/Zcgm61>

"LACNIC works on the deployment of technologies that contribute to a better management and utilization of number resources."



Max Larson

<https://goo.gl/DKuUH2>

"One of the key strengths of our community has always been its diversity. This diversity is part of who we are and we must maintain it."



Nicolás Antoniello

<https://goo.gl/17sRx6>

"In these 15 years, the community has learned to work together and take advantage of its synergies."



Oscar Messano

<https://goo.gl/Ez16yU>

"The idea of a stable, open and secure Internet has been not only a slogan, but the main driver behind the work of LACNIC."



Ricardo Patara

<https://goo.gl/ELeNpC>

"An identifying feature of the LACNIC community is that discussions are heated yet respectful and friendly."



Sebastián Bellagamba

<https://goo.gl/PkDZZD>

"LACNIC brings us all together in a place where we feel comfortable and can begin to cooperate."



3.2 LACNIC Events in 2017

Each year, LACNIC organizes two events that bring together more than 500 participants for the purpose of sharing technical information and promoting the creation of synergies for regional Internet development.

LACNIC 27

LACNIC 27 was held in the city of Foz do Iguaçu, Brazil, on 22-26 May and was organized jointly with NIC.br and CGI.br.

More than 730 participants attended the event, while 3,300 users followed it remotely. Highlights of the program included the Member Assembly, where a proposal for a new membership structure was presented and approved; the Public Policy Forum, during which seven policy proposals were presented and discussed; and the different technical forums (FLIP6, LACSEC, and the Interconnection Forum).

As usual, other organizations and forums such as LAC-IX, the Peering Forum, LACNIC and LAC-CSIRT held their meetings within the framework of the LACNIC event, Presentation highlights included those of keynote speakers Göran Marby (ICANN CEO), Merike Kaeo (Farsight Security CTO), Joao Damas (APNIC), and Diego Veca (Facebook).



18/22 SEPTIEMBRE 2017
MONTEVIDEO • URUGUAY



lacnic
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lacnic
15 años
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Member Assembly

During the Member Assembly held at LACNIC 27, a proposal for modifying the membership structure was presented and approved. The goal of the new member categories is to make it easier for smaller organizations to obtain resources and to achieve a more equitable model.

The result was the creation of several new categories: the Nano category for those organizations requesting less than a /22, as well as the 2X to 6X Large categories. In addition, the Small category was expanded, thus reducing membership fees for a group of organizations previously included in the Medium category. Among other changes, the 50% reduction in the cost of ASN assignments for the Nano and Micro categories is also worth highlighting.

For more information, check out the video of the assembly available at the following link:
<https://youtu.be/e3yITH0r9sc>

LACNIC 28 - LACNOG 2017

LACNIC 28 was held in the month of September in the city of Montevideo, Uruguay, together with the annual meeting of LACNOG, the Latin American and Caribbean Network Operators Group. The event was co-hosted by ANTEL and AGESIC and was attended by more than 500 participants.

The many highlights of the program included the panel titled 15 Years Building Community; InterCommunity, the Internet Society's annual member meeting; the ceremony during which José Clastornik was presented with the Lifetime Achievement Award; the lightning talks co-organized by LACNIC and LACNOG; and the first LACNIC Hackathon.

Other notable guests at LACNIC 28 included Steve Crocker, who spoke about the importance of deploying IPv6, and Paul Twomey, whose presentation addressed how to improve the Internet ecosystem.



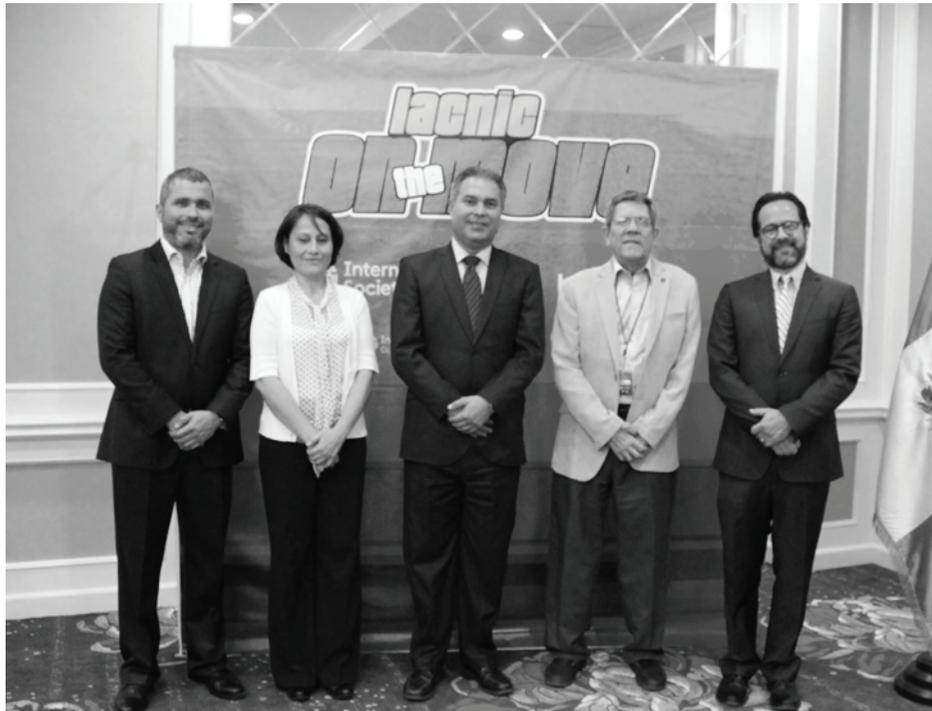
LACNIC on The Move

Three LACNIC On The Move events were organized in 2017. The aim of these meetings is to share information, experiences and best practices on IPv6 deployment, promote the creation of Internet Exchange Points (IXPs), and discuss IT security and Internet governance issues that are currently being debated at global level.

The first annual event was held in the month of March in Guatemala and was supported by the ISOC Guatemala Chapter and the Guatemalan Superintendence of Telecommunications (SIT). The meeting was organized together with ISOC and the ICANN Roadshow and was attended by 85 participants. Presentation highlights included Mi LACNIC, the current status of IPv4 exhaustion in the LAC region, the Policy Development Process, and an IPv6 tutorial.

The second event was held in October in Guyana as part of a broader event known as Internet Week Guyana. Hosted by the Ministry of Public Telecommunications (MTOPT) of Guyana, the meeting was organized jointly by the Caribbean Network Operators Group (CaribNOG), the Internet Society (ISOC), the Internet Corporation for Assigned Names and Numbers (ICANN), and the Caribbean Telecommunications Union (CTU). A total of 108 attendees gathered to discuss Registration Services, the use of the WHOIS service, as well as topics related to IPv6 adoption.

The final meeting took place in Medellin, Colombia, on 22-24 November. This event was supported by MINTIC with the cooperation of RENATA, EAFIT University, and IPv6 Spectrum. The program included activities such as an Amparo Workshop, an IPv6 tutorial, and presentations on registration and other services offered by LACNIC.



3.3 Financial Assistance Program

Through its financial assistance program, each year LACNIC provides financial support to more than 90 members of the Latin American and Caribbean Internet community to help them attend the annual conferences and forums organized in different countries of the region.

The program has been in place for 14 years during which more than 1,200 members of the community have received support to attend various LACNIC meetings, where they have received training and had the chance to participate in key activities such as the Public Policy Forum and the Annual Member Assembly.

This program allows LACNIC to offer financial support to participate in its two annual events.

In addition, it has served as a model for the sponsorship program to participate in the Regional Preparatory Meeting for the Internet Governance Forum (LACIGF) to which LACNIC also contributes.

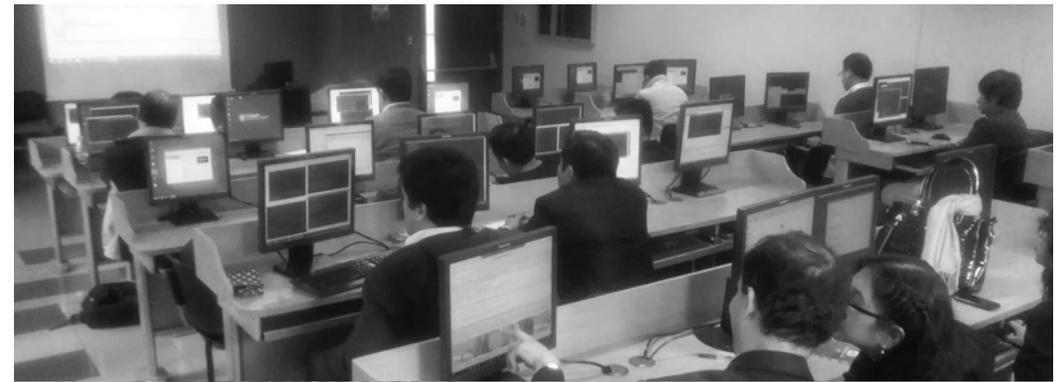
3.4 Training Center

The Training Center centralizes the online and in-person training activities LACNIC offers the community as part of its efforts to support of the generation of knowledge and technical skills among network operators, educators, regulators, and governments of the region.

To facilitate the implementation of new technologies, the Center offers courses on different topics related to Internet number resources, including IPv6, cybersecurity, IXP, RPKI, BGP and DNSSEC, network management, and telephony, among others.

In 2007, LACNIC trained more than 4,100 members of the community through face-to-face workshops, webinars and online courses. The Training Center also includes an online Campus that offers the following courses (MOOCs): Basic IPv6, Advanced IPv6, BGP and RPKI.

These open online courses are available throughout the year on the [LACNIC Campus](#). After completing all course modules and passing the corresponding tests, students receive a certificate endorsed by LACNIC.





3.5 Policy Development

LACNIC operates based on a self-regulation model according to which the rules (policies) under which Internet resources are managed are developed by the regional community through a public, participative and transparent process that is open to anyone who wishes to participate and built on consensus. Open participation of all stakeholders ensures that these policies are in line with regional interests, thus safeguarding the community as a whole. Before being presented at the Policy Forum to seek consensus, all proposals are submitted and discussed on the policy mailing list: <http://www.lacnic.net/lists/policy>

This year, a webinar was held to create synergy among the community for the creation of new policies in the hope that, together, those listing possible improvements and those reading them will be able to find possible solutions which may later be submitted in the form of policy proposals.

The LACNIC 27 (Foz do Iguacu) and LACNIC 28 (Montevideo) events included the tutorial Changing Internet Policies is Easy, where participants learned how any member of the community can modify a policy or submit a new policy proposal and become involved in the regional Internet community.

In all, during the two Forum meetings held in 2017, the community discussed 12 policy proposals. The following table shows a summary and the current status of these proposals.

02/06/2016	LAC-2016-5 Modifying IPv6 Initial Allocation Size	Abandoned 24/05/2017
03/10/2016	LAC-2016-7 Modifying IPv6 Initial Allocation Size	Implemented 16/08/2017
02/02/2017	LAC-2017-2 One-Way Interregional Transfers to LACNIC	Under discussion
02/02/2017	LAC-2017-1 Rectifying the Size of Initial Allocations	Implemented 16/08/2017
25/04/2017	LAC-2017-5 Addenda – Resource Revocation	Implemented 16/08/2017
25/04/2017	LAC-2017-6 Modifying the Resource Recovery Process	Implemented 06/12/2017
11/05/2017	LAC-2017-4 Modifying the Minimum Size of IPv6 Initial Allocations to ISPs	Implemented 31/08/2017
02/02/2017	LAC-2017-2 v3 One-Way Interregional Transfers to LACNIC	Under discussion
03/08/2017	LAC-2017-8 v2 Modifying Initial IPv6 Allocations to End Users	Implemented 06/12/2017
13/06/2017	LAC-2017-7 v2 Reducing the Last-Call-for-Comments Period in LACNIC's Policy Development Process	Implemented 06/12/2017
07/08/2017	LAC-2017-9 v1 Modifying "Subsequent Allocation" for IPv6	Implemented 06/12/2017
25/04/2017	LAC-2017-6 v2 Modifying the Resource Recovery Process	Implemented 06/12/2017

Another highlight worth mentioning that this year Paola Pérez was elected by the community as Public Policy Forum chair, the first woman elected to serve in this role. The Forum's current chairs are Juan Peirano (until May 2018) and Paola Pérez (until May 2019).

3.6 Technical Forums

The articulation of initiatives aimed at achieving Internet development and stability in the region can be seen in LACNIC's support of its technical forums: the Network Operators Forum (LACNOG), CSIRT meetings, the IPv6 Forum (FLIP6), the Regional Interconnection Forum (FIR), the Network Security Forum (LACSEC), and IETF Working Groups. In 2017, these regional forums met at both LACNIC events and have become a meeting places for exchanging knowledge and experiences, thus further strengthening the region's Internet community.

In September 2017, LACNIC announced the creation of the [LACNIC Technical Forum](#) (FTL), a space for the LAC community to share their experiences and discuss technical issues. FTL unifies the work of the Network Security Forum (LACSEC), the Regional Interconnection Forum and the IPv6 Forum. It will include high-level technical presentations on topics such as cybersecurity, IPv6, DNS, the Internet of Things, interconnection, routing, Content Distribution Networks, and regulations.

The LACNIC Technical Forum is a space created by LACNIC in response to community members' need to strengthen their technical skills and build capacity for managing networks in the region.

The FTL event is coordinated by a Program Committee made up by the different stakeholders, including representatives of the LACNIC Community, LACNIC staff and LACNOG.



IETF

The first IETF meeting of 2017 took place in Chicago, United States, in the month of March. Highlights of the event included presentations by Niels ten Oever and David Clark, who addressed the relationship between Internet protocols and human rights, as well as the IETF Hackathon.

LACNIC's Technology Department hosted a remote hub for IETF 98 which allowed engineers and engineering students to follow the sessions held in the United States live.

The second IETF meeting took place in Prague in the month of July and included numerous activities related to IPv6, DNS, IoT, routing, and others. <https://labs.lacnic.net/resumen-IETF99/>

IETF 100, the last meeting of the year, was held in Singapore in November. Multiple activities were organized during the course of the week, among them Working Group meetings as well as parallel meetings on topics such as IPv6, IoT, routing, security, and DNS.

CSIRT Meeting

The meeting of Computer Security Incident Response Teams (LAC-CSIRT) has consolidated itself as a workspace for Latin American and Caribbean actors to share security-related issues. This sharing of knowledge among participants aims at strengthening the region in terms of computer security incident prevention and impact mitigation.

In 2017, the twelfth and thirteenth CSIRT meetings were held within the framework of the May event in Foz do Iguaçu, Brazil, and the September event in Montevideo, Uruguay. LACNIC understands that these meetings are particularly important, as they allow teams from different countries to meet and share in an environment of trust and later cooperate more efficiently during an incident management process.

These meetings offer a space for the LAC-CSIRT community to meet face-to-face and share experiences and best practices. Organizations that are in the process of creating a response team are invited to discuss a coordinated agenda.

In addition, several CERTs of the region hold monthly online meetings that allow permanent dialogue among the different regional response teams.

Finally, it is also worth noting the ties LACNIC has generated with other international organizations such as FIRST, M3AAWG, and APWG, which make it easier for regional CSIRTs to access information.

LACSEC

The goal of LACSEC – the Network Security Forum – is to provide a space for network security stakeholders to meet to discuss concrete actions and coordinate network security projects for the region.

The twelfth and final edition of LACSEC took place within the framework of the annual LACNIC event held in May in Foz do Iguaçu, Brazil, and was chaired by Fernando Gont.

Starting in 2018, technical presentations and debates on security issues previously hosted by LACSEC will move to the LACNIC Technical Forum (FTL).

The Network Security discussion list, however, will continue as before and those interested can subscribe at <https://mail.lacnic.net/mailman/listinfo/seguridad>

For more information on the Forum, check out the presentations at LACNIC 27 at: <http://slides.lacnic.net/lacnic27>

FIRST (Forum of Incident Response Team)

LACNIC signed an agreement with the Forum of Incident Response Teams through which, together with CERT.br, it organizes an annual FIRST Technical Colloquium (FIRST TC) for the Latin American and Caribbean region, always within the framework of LACNIC's second annual meeting.

In 2017, the FIRST TC was held in Montevideo, co-located with LACNIC 28 - LACNOG 2017.

FIRST seminars provide a forum where FIRST members and guests share information on vulnerabilities, incidents, tools and other issues affecting the operation of security and incident response teams. The agreement with LACNIC allows anyone interested in doing so to attend these events without the need to become a FIRST member.

More information: <https://www.first.org/events/colloquia/montevideo2017>

Another highlight of 2017 is that LACNIC formalized an alliance with FIRST to support the development of computer security incident response capabilities in the region. As part of this agreement, FIRST offered their programs to LACNIC, along with best practices and experience in training activities, thus strengthening LACNIC's Amparo project.

Regional Interconnection

The goal of the Regional Interconnection Forum is to bring together Internet exchange point operators and their members to promote peering agreements, receive updates from the various NAPs in our region, share NAP-related technological advances, and discuss regional interconnection in Latin America and the Caribbean.

A face-to-face meeting takes place each year during LACNIC's main annual event. In 2017, the event took place in Foz do Iguaçu, Brazil, and was chaired by Fabián Mejía. The program included several presentations, which can be downloaded at <http://slides.lacnic.net/lacnic27/>

Starting in 2018, the technical presentations and debates on interconnection issues previously hosted by the Regional Interconnection Forum will move to the LACNIC Technical Forum (FTL).

Anyone with an interest in the operation of an IXP and regional traffic exchange can subscribe to the corresponding discussion list at <https://mail.lacnic.net/mailman/listinfo/napla>



Peering Forum

Supported by major sponsors, this joint initiative by LACNIC, the Internet Society, and LAC-IX provides network operators and other members of the industry with the opportunity to meet, exchange ideas and experiences, and discuss future Internet interconnection activities. This networking platform held its eighth and ninth meetings within the framework of the two annual LACNIC events (LACNIC 27 and LACNIC 28-LACNOG 2017), held in Foz do Iguaçu and Montevideo, respectively.



FLIP6

The Latin American IPv6 Forum seeks to promote and encourage IPv6 adoption throughout Latin America and the Caribbean. The forum also promotes the sharing of experiences in the implementation of IPv6-based services and applications in our region.

The fifteenth and final edition of the Forum was organized within the framework of the annual LACNIC meeting held in Foz do Iguaçu, Brazil. Highlights included presentations on experiences in the deployment of voice over IPv6, the evolution of datacenters without IPv4, and the keynote presentation by Mikel Jiménez, who spoke about IPv6 at Facebook.

Another FLIP6 highlight was the IPv6 Challenge, a contest promoted by the Latin American IPv6 Forum and LACNIC to encourage the participation of organizations and companies of the region that have already deployed IPv6 in their networks.

Interview with the winners of the IPv6 Challenge:

<http://prensa.lacnic.net/news/ipv6/el-mayor-reto-de-ipv6-es-superar-trabas-en-cupulas-empresariales>

<http://prensa.lacnic.net/news/ipv6/reto-ipv6-el-desafio-de-liderar-los-cambios-desde-la-universidad>

Starting in 2018, all technical presentations and debates on IPv6-related issues previously hosted by FLIP6 will move to the LACNIC Technical Forum (FTL).

Presentations made at this Forum are available at <http://slides.lacnic.net/lacnic27/>

Anyone interested in the regional deployment of IPv6 networks can subscribe to the LAC IPv6 discussion list at <https://mail.lacnic.net/mailman/listinfo/lactf>

LACNOG

Since its creation, LACNIC has actively supported the consolidation of the Latin American and Caribbean Network Operators Group, LACNOG. Since 2011, LACNOG holds its annual meeting in conjunction with the second annual LACNIC event, as this contributes to promote the exchange of experiences and information usually accomplished through the discussion list.

This past September, LACNOG held the eighth meeting of this technical forum which continues to expand and attract a growing number of internationally renowned network, datacenter and infrastructure operators, as well as other key industry participants. LACNOG 2017 met in Montevideo, Uruguay, and discussed topics such as IPv6, routing, RPKI, and others. Highlights worth noting include the panel on The Importance of Best Practices and Anti-Abuse Operations for Network Operators, with the participation of Severin Walker, Cristine Hoepers, Wardner Maia, Lia Solís, and Agustín Speziale, and moderated by Lucimara Desiderá.



4. LACNIC and Global Internet Governance

4.1 Forums and Other Opportunities for Participation

LACNIC takes advantage of these spaces to promote IPv6 deployment and provide information on Internet Governance, the Internet of Things, how to strengthen network infrastructure security and stability in the region, as well as other topics.

Internet Governance Forum

The 2017 Internet Governance Forum, a space for dialogue that brings together nearly 3,000 professionals from around the world to discuss and analyze major Internet development issues, took place at the United Nations headquarters in Geneva from 18 to 22 December.

LACNIC's presence at this global Internet summit was relevant, both as a collaborator on several panels and as part of the NRO (Number Resource Organization). Likewise, the work of the FRIDA Program at the event as part of Seed Alliance is also worth noting.

Together with its partners ISIF Asia of APNIC and FIRE of AFRINIC, the Regional Fund for Digital Innovation in Latin America and the Caribbean organized an open forum to discuss an open line of funding for projects related to gender equality, a workshop on innovation and access, and the Seed Alliance Awards Ceremony.

The NRO organized an open forum about Regional Internet Registries in order to explain what the NRO is and the ASO review process. LACNIC also participated in a forum where participants shared their perspectives on the transition from IPv4 to IPv6 and IPv6 deployment in the different regions.

LAC IGFs

The global calendar of the Internet Governance Forum had a great start in 2017, with Trinidad and Tobago becoming the smallest country in the Americas to summon a National Internet Governance Forum.

Through its Líderes project, this year LACNIC promoted the sharing of experiences and discussions on the most relevant Internet governance issues at the national forums organized in Costa Rica, Guatemala, Peru, Bolivia, Argentina, Panama, and Uruguay.

As the Internet becomes increasingly relevant in the social and economic life of every citizen, the construction of a collaborative Internet model is also gaining greater importance, particularly with a plurality of voices in the processes that decide how resources are managed.

LACNIC created Líderes to strengthen governance forums throughout the region and thus encourage and facilitate the participation of its experts in these platforms and promote the multistakeholder model, under which all interested actors can contribute and have their interests being taken into consideration.



ITU World Telecommunication Development Conference (WTDC)

LACNIC participated in the World Telecommunication Development Conference (WTDC) held in Argentina in the month of October. One of the final resolutions of the meeting was to promote the exchange of experiences and information related to IPv6 adoption in developing countries. Likewise, in order to build IPv6 capacity, the meeting recommended working in coordination with Regional Internet Registries (RIRs).

The proposal is based on the fact that the IPv6 protocol is a necessary condition for the development of the Internet of Things (IoT) and for the promotion of best practices for IPv6 deployment. This information was compiled in Resolution 63 of the Conference organized by the International Telecommunications Union (ITU).

ITU member countries understand that IPv6 should be promoted so that the transition from IPv4 will be completed as quickly as possible and to facilitate the implementation of IPv6 around the world, particularly in developing countries that are experiencing technical difficulties in their transition process.

This resolution also helps strengthen the interaction between governments and other organizations aimed at exchanging knowledge and best practices in IPv6 deployment.

Inter-American Telecommunication Commission (CITEL)

As usual, LACNIC participated in the two meetings of Permanent Consultative Committee I of the Inter-American Telecommunication Commission, which this year took place in Lima (XXX) and Mexico City (XXXI). LACNIC's participation in these spaces seeks to inform and contribute to the discussions among Member States and other participants, either through documents, presentations or direct interventions.

In these two meetings, LACNIC presented three documents on the status of number resources in the region, the WARP initiative (a computer security incident warning, advice and reporting point), and RPKI implementation.

Likewise, during the XXXI Meeting of PCC.I held in Mexico City, LACNIC organized the workshop Smart Cities in America - Innovation and Sustainability attended by more than 90 participants attracted by a comprehensive agenda which included the need to consider the use of Internet standards such as IPv6.

Smart cities present challenges in the integration of innovative services and platforms to facilitate their citizens' daily activities. In this sense, the different sectors – governments, the Internet technical community, vendors and others – must cooperate with non-disruptive regulations and open processes that will encourage discussions and the exchange of opinions.



Preparatory Meeting for the VI Ministerial Conference on the Information Society in LAC (eLAC 2018)

The Preparatory Meeting for the VI Ministerial Conference on the Information Society in Latin America and the Caribbean (eLAC 2018) scheduled to take place in Cartagena, Colombia, from 18 to 20 April 2018 was held at the ECLAC headquarters in Santiago, Chile, from 7 to 9 August.

The agenda included the eLAC Coordination Board meeting, a technical seminar, and the preparation of a new digital agenda that will be presented for approval next year at the Ministerial Conference in Cartagena.

The LACNIC delegation consisted of Oscar Robles, who participated in the panel on Industrial Internet, Kevon Swift, who serves as a liaison with the technical community as Observer of the Mechanism, and Ernesto Majó.

This participation allowed contributing on an equal-footing with government representatives to the preparation of a regional development agenda that will meet the needs of the different countries, take into account relevant technical aspects, and integrate the vision of the different actors (multistakeholderism). These meetings also allow strengthening relationships with government representatives, thus facilitating the understanding of their mutual roles and responsibilities.

The Board continued the process of discussing the agenda through several telephone conferences to fine-tune the wording of the agreed goals and objectives, during which non-government observers of the process (including the technical community, civil society and the private sector) also presented a note promoting the creation of a Multistakeholder Advisory Council to strengthen the participation of everyone interested in making a contribution.

Meetings with Governments

LACNIC promotes spaces for direct interaction with national authorities of the region for the purpose of providing information on IPv6 deployment and recommending concrete actions and best practices that can be implemented in the different countries.

In 2017, LACNIC visited authorities in Peru, Guyana, Suriname, Colombia, Mexico, Argentina, Panama, and the Bahamas.

COMTELCA Deputy Secretary and Government Representatives Visit the LACNIC Board

Within the framework of LACNIC 27, the LACNIC Board offered a courtesy space to Jorge Torres, Deputy Secretary of COMTELCA. Topics relevant to both organizations were discussed during the visit, as well as the work being done in Central America in connection with IPv6 deployment.



4.2 LACNIC in the Caribbean

CANTO

In July 2017, the Caribbean Association of National Telecommunication Organizations (CANTO) held its 33rd Conference and Annual Exhibition. LACNIC was present in multiple spaces, highlights of which included its participation at a joint booth together with ARIN where they provided information on different services, projects and training activities designed for the community.

Relationships with Governments: Suriname and Guyana.

Within the framework of its program for visiting national authorities, in July 2017 LACNIC visited decision-makers in Suriname and Guyana to learn about the status of IPv6 deployment and foster ties with decision-makers at key entities in these countries. Highlights of these meetings included interviews with representatives of the Telecommunications Authority of Suriname; Telesur; the National Assembly of Suriname; Ashwin Adhin, Vice-President of Suriname; ParboNet NV; the Guyana eGovernment Agency; Guyana Telephone & Telegraph (GTT); and Catherine Hughes, Minister of Telecommunications of Guyana.

LACNIC On the Move

The second LACNIC On The Move event of 2017 took place on 12 October in Guyana.

LACNIC On The Move Guyana was part of a broader initiative known as Internet Week Guyana which ran from 9 to 13 October. The Ministry of Public Telecommunications of Guyana hosted this event, which was jointly organized by LACNIC, the Caribbean Network Operators Group (CaribNOG), the Internet Society, the Internet Corporation for Assigned Names and Numbers (ICANN) and the Caribbean Telecommunications Union (CTU). The initiative was also supported by the Regional Internet Registry for North America (ARIN).

The goal of the event was to increase knowledge about Internet number resources and registration services, as well as to share best practices on topics such as IPv6 deployment, public key infrastructure for resource certification (RPKI), and Domain Name System Security Extensions (DNSSEC).

More information: <http://onthemove.lacnic.net/internet-week-guyana>

Cybersecurity Workshops

This year, Haiti hosted the first basic computer security workshop organized by LACNIC through its AMPARO project. During this workshop, nearly 30 Haitian professionals received basic training on computer security and the creation of Internet incident response teams. This was the first experience of its type to be held in the Caribbean Island.

Together with Transversal, an engineering services organization, and within the framework of the Papyrus/Konbit project, LACNIC organized this AMPARO workshop in Port-au-Prince seeking to strengthen response capabilities among Haitian professionals responsible for managing computer security risks.

The second workshop of the year was held during the Caribbean Cybersecurity and Cyberdrill Forum and was organized by Suriname's Ministry of Transport, Communication and Tourism together with the International Telecommunications Union (ITU). LACNIC participated actively both in the training sessions as well as in the panels included on the event program.

Ayitic Goes Global

Ayitic Goes Global stems from a prior initiative led by LACNIC which ran from 2013 through 2016. The project was originally called Ayitic, a combination of "Ayiti" (the country's name in Haitian Creole) and "TIC" (Spanish for ICT), and focused on strengthening Internet infrastructure by training local technicians. Three editions were organized with the original format, where a total of 289 individuals received training on topics such as network management, security, wireless technology, IPv6 deployment, and others.

This year, Canada's International Development Research Centre (IDRC), a public corporation created by the Canadian government to help communities in the developing world find solutions to social, economic, and environmental problems, joined the Ayitic Goes Global project.

With the support of the IDRC, this initiative has been redesigned to drive Internet development based on the current demand – the growth of digital markets – and promote inclusive access. Thus, the current goal of Ayitic Goes Global is to increase Haitian women's access to employment by developing digital capabilities in the field of ICTs.

During the G20 world leaders summit in Hamburg, Germany, the Canadian Government presented this training and employability initiative led by LACNIC in Haiti as one of the emblematic projects financed by their country to strengthen the digital skills of women and girls and encourage their inclusion in the technology sector.

<https://eskills4girls.org/preparing-haitian-youth-for-digital-jobs/>

In December, LACNIC and the IDRC traveled to New York to present the preliminary findings of a study carried out to identify market opportunities for Haitian women who will receive training. This research included mapping potential beneficiaries of the courses and pedagogical strategies to be applied by the instructors.

Caribbean Ministerial Strategic ICT Seminar / ICT Week - The Bahamas

LACNIC had the pleasure of participating in the 16th Caribbean Ministerial Strategic ICT Seminar, which took place during the ICT Week - The Bahamas from 27 November to 1st December 2017. Oscar Robles, LACNIC CEO, presented Internet Development and Possibilities for Life in Cyberspace, where he stressed the success of the multistakeholder model in facing the new challenges that arise as a result of the natural evolution of the Internet. Kevon Swift, Head of Strategic Relations and Integration at LACNIC, gave a presentation on the role of governments in supporting Internet development.

This seminar is an important space that complements the statutory meetings of the CTU and brings together a large number of Caribbean ICT ministers.

IGF Barbados 2017

At the direct invitation of the Program Committee, LACNIC participated in the first Internet Governance Forum to be organized in Barbados and gave a presentation on governance processes in Latin America and the Caribbean, including LACIGF. The forum took place on 22-23 June 2017.

Caribbean IGF 2017

The Caribbean Internet Governance Forum took place from 21 to 23 August 2017 in the British Virgin Islands. LACNIC supported the forum with presentations on the evolution of national, regional and subregional initiatives of the Internet Governance Forum in Latin America and the Caribbean, and strategies for promoting IPv6 deployment in the region.

4.3 LACNIC in Central America

LACNIC On the Move

The first 2017 edition of LACNIC On the Move was organized during the month of March in Guatemala City, with the collaboration of the ISOC Guatemala Chapter and the Guatemalan Superintendence of Telecommunications (SIT). The meeting was held in conjunction with ISOC and the ICANN Roadshow, and focused on topics related to cybersecurity, IPv6 deployment, IPv4 exhaustion, DNS, and other key aspects of Internet governance.

More information: <http://onthemove.lacnic.net/2017-guatemala/>



LACIGF 10

LACIGF is the Regional Latin American and Caribbean Preparatory Meeting for the Internet Governance Forum. The event has been held annually since 2008 and provides a space for multisectoral dialogue where government, private sector, technical community, academia and civil society representatives can present and discuss their points of view on the Internet Governance agenda for the region. The tenth edition of the Latin American and Caribbean Internet Governance Forum met in the city of Panama from 2 to 4 July.

In addition to contributing to fund the event along with many other organizations, LACNIC serves as Technical Secretariat for the process, ensuring the logistics needed for a successful event.

With the support of ADC, ALAI, APC, ASIET, Derechos Digitales, Facebook, Google, ICANN, IGFS, Internet Society, LACNIC, LAT, NIC.BR, CGI.BR, NIC Mexico, and IPANDETEC as local host, the tenth edition of LACIGF brought together more than 200 participants who attended ten sessions organized as part of a collaborative agenda. The event focused on the topics identified as priorities by the regional Internet community.

Sessions revolved around issues related to the exercise of human rights online, including privacy, freedom of expression and access to knowledge; Internet inclusion and accessibility; participation in the digital economy; and the Internet of things.

To read the reports and summaries of the panels, go to: <https://laciqf.org/laciqf-10>

VI Regional CEABAD Forum

The VI Regional Forum on Digital Economy organized by the Center for Advanced Studies in Broadband for Development (CEABAD) was held on 5-6 July in Managua, Nicaragua.

LACNIC moderated the panel on Public-Private Partnerships in the Digital Economy Era, where the work of LACNIC with public and private actors for the benefit of Internet development in the region was highlighted.

Face-to-Face Meeting of COMTELCA's Standardization Committee

The first face-to-face meeting of COMTELCA's Standardization Committee took place on 3-5 May 2017 in Nicaragua. The Committee discussed topics that are relevant for preparing a diagnosis that will provide details about the progress of IPv6 adoption in Central America.

TICAL

The network of ICT Directors of Latin American universities meets annually so that the universities themselves and international experts and panelists can share their experiences, knowledge and initiatives.

This year, the ION Costa Rica conference was held within the framework of this event and addressed topics such as IPv6, DNSSEC, Securing BGP and TLS for Applications. Guillermo Cicileo, SSR Coordinator at LACNIC, gave a presentation titled Preparations for Change: IPv6 Deployment in Costa Rica and Latin America.

In addition, LACNIC set up a booth to provide information on the training activities and cooperation projects the organization is working on.

Latin American Telecommunications Conference (CLT 2017)

In coordination with ISOC and ICANN, a discussion panel was organized to discuss relevant Internet topics within the framework of the Telecommunications Congress organized by GSMA and ASIET. This Congress was held in Cartagena, Colombia, and was attended by Oscar Robles who moderated the panel on *Internet in Regulated Environments*.



5. IPv6 in LAC

5.1 IPv6 Training

This year, LACNIC offered multiple in-person workshops, webinars and online courses on IPv6 deployment, training more than 2200 professionals representing the private sector, civil society organizations, governments and universities in different countries of the region.

For the first time, an IPv6 Tutorial for Technology Directors was organized within the framework of the TICAL Conference to promote IPv6 deployment among the region's governments.

LACNIC also supported the Workshop for Latin America and the Caribbean (WALC) in its 20th edition. LACNIC has collaborated in the organization of this itinerant school focused on network technology and connectivity since its inception. On this occasion, LACNIC organized the track on deploying IPv6 networks, the goal of which was to provide an overview of requirements and practical skills to help participants begin their own IPv6 deployment.



5.2 IPv6 Portal

The IPv6 Portal is a LACNIC initiative designed to share information on IPv6 deployment, events and workshops organized in the region, statistics, and the transition to the latest version of the protocol, as well as to offer reading material and the latest news.

Here users will find varied material on the subject, including videos, interviews, podcasts, news items, events, courses, and others, among them the materials on IPv6 and the IoT generated during LACNIC events.

In 2017, we added plenty of information of interest to the community, including articles, interviews, statistics and answers to the questions submitted to Dr. IPv6.

Dr. IPv6 is a program aimed at encouraging IPv6 deployment in the LACNIC service region through a system that allows finding answers to specific questions on IPv6. These answers are provided by different regional experts and are available in podcast format.

5.3 IPv6 Challenge and Other Awards

With the aim of promoting and encouraging regional organizations to deploy IPv6, two editions of the IPv6 Challenge were launched prior to the two events held in 2017.

The Challenge was conducted with the support of Azael Fernández, Chair of the FLIP6 forum, who used the Latin American IPv6 Forum discussion list to stress the importance of participating in the contest.

The following articles contain more information on the winners of the IPv6 Challenge:

<http://prensa.lacnic.net/news/ipv6/el-mayor-reto-de-ipv6-es-superar-trabas-en-cupulas-empresariales>
<http://prensa.lacnic.net/news/ipv6/reto-ipv6-el-desafio-de-liderar-los-cambios-desde-la-universidad>

Another initiative worth noting is that, during the FLIP6 meeting held in Foz do Iguaçu within the framework of LACNIC 27, Jim Bound awards were presented to five companies: Telecentro Argentina, Wind Telecom, Tigo Guatemala, Telefonica Argentina, and CNT Ecuador.

6. An Open, Stable and Secure Internet

6.1 AMPARO Project

The AMPARO Project is a LACNIC initiative that seeks to promote training on different computer security topics, therefore improving computer security incident prevention and response capabilities.

This year, Haiti hosted the first basic computer security workshop organized by LACNIC through its AMPARO project. During this workshop, nearly 30 Haitian professionals received basic training on computer security and the creation of Internet incident response teams. This was the first experience of its type to be held in the Caribbean Island.

Together with Transversal, an engineering services organization, and within the framework of the Papyrus/Konbit project, LACNIC organized this AMPARO workshop in Port-au-Prince seeking to strengthen response capabilities among the Haitian professionals responsible for managing computer security risks.

The second workshop of the year was held during the Caribbean Cybersecurity and Cyberdrill Forum and was organized by Suriname's Ministry of Transport, Communication and Tourism together with the International Telecommunications Union (ITU). LACNIC participated actively in both the training sessions and the panels included in the event program.

The third workshop took place in November within the framework of LACNIC On The Move Medellin. Finally, an advanced workshop was organized in December in Montevideo, Uruguay, in collaboration with Tilsor CSIRT.

More information: <http://www.proyectoamparo.net/>
Twitter: @AMPARO_LACNIC
Facebook: Proyecto AMPARO



6.2 WARP

Computer Security Warning, Advice and Reporting Point

LACNIC WARP has managed to position itself as a leader in security issues and has become a relevant player within the computer security incident response team ecosystem and related activities. This year, LACNIC WARP received an invitation to participate in the Europol conference in The Hague, as well as to attend IGF Bolivia and be part of the panels discussing cybersecurity issues.

LACNIC WARP serves as a trusted point of contact that makes it easier for members to report security incidents and sensitive information. It also provides a safe and anonymous brokering environment that allows searching for, discussing and exchanging security incident information and best practices. During 2017, LACNIC WARP handled more than 60 security incidents.

One of the first alliances LACNIC WARP formalized this year was an agreement with the Global Forum of Incident Response and Security Teams (FIRST) <https://www.first.org> to support the development of computer security incident response capabilities in the region. As part of this agreement, FIRST offered LACNIC their training programs and capabilities to use with regional teams.

Another important step in cybersecurity was that LACNIC joined the Messaging, Malware and Mobile Anti-Abuse Working Group (M3AAG) <https://www.m3aawg.org> to cooperate on global cybersecurity issues. As a result of this association, LACNIC now has access to platforms to fight online threats and interact with service providers and online security communities.

LACNIC also signed an agreement with Level 3 to exchange information for research purposes and eventually provide help in the event of an attack on LACNIC resources.

The most recent agreement signed by LACNIC WARP was with Stop Think Connect (<https://www.stophinkconnect.org>). This purpose of this agreement is to develop a security messaging campaign to promote safe online habits among Latin American and Caribbean users.

More information: <http://warp.lacnic.net>

6.3 +Raíces Project

The DNS system is a key part of Internet infrastructure. The +RAICES Project seeks to increase the scope, strength and response times of the DNS at regional and global level. Through this project, LACNIC aims at increasing the stability and performance of the DNS root server system in Latin America.

During 2017, K-root servers were deployed in Argentina (ARIU) and Panama (Cable 8 Wireless Panama), the capacity of the I-root server in Montevideo (LACNIC) was improved, and a call for candidates to host I-root servers was published. After an analysis of all the applications that were received, four organizations were selected in cooperation with Netnod, which will contribute to installing I-root nodes in Chile, Brazil, Mexico and Paraguay.

In 2017, LACNIC's second Anycast Cloud server installed in Buenos Aires (ARIU) came into operation. This Anycast Cloud seeks to improve access to LACNIC's DNS services by installing anycast copies in the region. In ARIU's case, the server is used by Argentine universities and the CABASE IXP, thus covering an important part of the Internet in Argentina.

6.4 Security, Stability and Resiliency Project

As part of its strategy for a more stable, resilient and secure Internet, LACNIC promotes local and regional interconnection to contribute to the development of a better Internet in the countries of the region. With this in mind, our goal is to strengthen and consolidate new IXPs by offering technical workshops, infrastructure support, and organizational and operational models.

During 2017, meetings were organized with Internet operators in Guatemala and the Dominican Republic. In the case of Guatemala, this led to the creation of a new Guatemalan IXP. In the case of the Dominican Republic, a panel was organized with the country's main operators focusing on the need for an IXP, in addition to a technical workshop for operators interested in being part of this national IXP.



+Raíces

7. Internet for Development

7.1 FRIDA

The Regional Fund for Digital Innovation in Latin America and the Caribbean is a LACNIC initiative that has been contributing to the development of the information society in our region since 2004. The program provides funding as well as capacity building and networking opportunities to civil society organizations, the private sector, governments, and universities seeking to unlock the potential of information and communications technology for the region's development.

This year, the program selected two winners in the Awards category and one in the Grants category. One of the awards sought to recognize projects led by women to promote gender equality through technology. The winning proposals were selected from among 312 initiatives submitted this year from 23 different countries: 149 proposals submitted to the FRIDA Awards and 163 to the FRIDA Grants categories.



2017 Awards and Grant

[Armonía](#), an education project by Universidad de Oriente de Cuba was chosen as the winner of a FRIDA Award. This year, winning projects received a cash prize of US \$5,000 as well as a sponsorship to attend the Global Internet Governance Forum (IGF) in Switzerland. This initiative was implemented in more than 20 rural settlements and sought to address the problems identified by the community by developing digital educational material, including multimedia, websites and e-books, in primary schools and other higher-level learning institutions.

The FRIDA Award to Women in Technology was presented to [Coding Rights](#), a Latin American women's group based in Brazil. Coding Rights was also recognized for their work in promoting a critical use of digital technologies, with an understanding of data collection and consent from the users' perspective, specifically that of women and members of the LGBTQI community.



The group will also receive US \$5,000 in cash and funding to attend the Global Internet Governance Forum in Switzerland.

Similarly, the winner of the FRIDA Grant in the program's most technical category – Innovation for Internet Development – was a project by the [National Telecommunications Commission of Dominica](#) to build weather stations in local schools and develop an online platform with freely available meteorological data. This platform is known as Schools Internet of Things (IoT) Weather Monitoring Stations and seeks to use the Internet of Things to combat the challenges posed by climate change and the natural disasters faced by this Caribbean island state.

7.2 Ayitic Goes Global

Building on the activities led by LACNIC in the Caribbean country since 2013, Ayitic Goes Global is a training and employability initiative that aims to promote digital development in Haiti. Particularly, this project seeks to increase women's access to employment in Haiti by generating digital capabilities in the field of Information Technology.

This year, Canada's International Development Research Centre (IDRC), a public corporation created by the Canadian government to help communities in the developing world find solutions to social, economic, and environmental problems, joined the Ayitic Goes Global project.

In December, LACNIC and the IDRC traveled to New York to present the preliminary findings of a study carried out to identify market opportunities for Haitian women who will receive training. This study included mapping potential beneficiaries of the courses and pedagogical strategies to be applied by the instructors.



7.3 Women in IT

The IT Women discussion list was relaunched this year, a space for networking and disseminating relevant information.

Women represented 11% of speakers at LACNIC 27, a figure that grew significantly at the second annual event where 29% of panelists were women.

In 2017, LACNIC's FRIDA Program incorporated gender issues in its call for proposals and implemented an award for women in technology who lead innovation projects. In addition, Ayitic Goes Global seeks to encourage the participation of Haitian women in the digital market.

This year, three more women became part of LACNIC's institutional life. Vivian Valverde, a Costa Rican engineer with 16 years of experience in the ICT sector, was elected by the community to serve on the Electoral Commission until 2020. Similarly, Paola Pérez, a Venezuelan engineer specializing in Internet governance, was elected co-chair of the Public Policy Forum. Finally, Rosalía Morales, current director of NIC Costa Rica with more than 15 years of experience in the sector, was elected to serve on the LACNIC Board.



7.4 Lifetime Achievement Award

José Clastornik received the 2017 Lifetime Achievement for his constant efforts to promote Internet development in the region, particularly in Uruguay, the country where he heads AGESIC, the National Agency for Electronic Government. The Awards ceremony took place within the framework of the LACNIC28-LACNOG 2017 event.

LACNIC created the Lifetime Achievement Award to honor those individuals who have long devoted their efforts to the development of the Information Society in the region and whose achievements have set an example for the rest of the community.

Ida Holz, Rodrigo de la Parra, Rafael Ibarra, Ben Petrazzini, Serby Wilson, Carolina Aguerre and Jesús Martínez served as jurors for the 2017 Lifetime Achievement Award.



8. Annex

Independent Audits' Report

To the Shareholders of
Registro Regional de Direcciones IP para América
Latina y Caribe (LACNIC).

Report on the Financial Statements

We have audited the accompanying Financial Statements of the Latin America and Caribbean Network Information Centre| LACNIC (the Institution), which comprise the Statement of Financial Position as at December 31, 2017, the Statement of Comprehensive Income, the Statement of Changes in Equity, and Statement of Cash Flows for the year then ended, and a summary of significant accounting policies and other explanatory notes.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these Financial Statements in accordance with General Accepted Accounting Principles in Uruguay. This responsibility includes: designing, implementing and maintaining internal controls relevant to the preparation and fair presentation of Financial Statements that are free from material misstatement, whether due to fraud or error; selecting and applying appropriate accounting policies; and making accounting estimates that are reasonable in the circumstances.

Auditor's Responsibility

Our responsibility is to express an opinion on these Financial Statements based on our audits. We conducted our audits in accordance with Local Standards on Auditing established in Pronunciamento 18 of Colegio de Contadores, Economistas y Administradores del Uruguay. Those Standards require that we comply with ethical requirements and plan and perform the audits to obtain reasonable assurance whether the Financial Statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the Financial Statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the Financial Statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the Financial Statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal controls. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the Financial Statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the Financial Statements present fairly, in all material respects, the financial position of the Institution as at December 31, 2017 and of its financial performance and its cash flows for the year then ended in accordance with General Accepted Accounting Principles in Uruguay.

March 20th, 2018

Cra. Victoria Buzetta
N° CJPPU 66.795

LATIN AMERICA AND CARIBBEAN NETWORK INFORMATION CENTRE (LACNIC)
STATEMENT OF FINANCIAL POSITION
AS OF DECEMBER 31, 2017
(Expressed in US Dollars)

	December 31, 2017	December 31, 2016
ASSETS		
CURRENT ASSETS		
CASH AND BANKS (Notes 2.2 and 2.8)		
Cash	783	768
Banks	884.179	818.879
	884.962	819.647
SHORT TERM INVESTMENTS (Note 2.2, 2.9 and 5)		
Investments	5.009.974	4.078.416
Interest Receivable	29.052	25.402
	5.039.026	4.103.818
ACCOUNTS RECEIVABLES (Notes 2.2, 2.8)		
Trade Receivables	414.751	1.428.816
Allowance for Doubtful Accounts	-	(15.529)
	414.751	1.413.287
OTHERS RECEIVABLES		
Other Receivables (Note 9)	519.231	139.608
TOTAL CURRENT ASSETS	6.857.970	6.476.360
NON CURRENT ASSETS		
Fixed Assets (Note 2.10 and Annex)		
Cost of Acquisition	4.743.878	4.219.080
Accumulated Amortization	(1.179.568)	(1.002.297)
	3.564.310	3.216.783
INTANGIBLES (Note 2.10 and Annex)		
Cost of Acquisition	322.140	322.140
Accumulated Amortization	(292.212)	(266.488)
	29.928	55.652
TOTAL NON CURRENT ASSETS	3.594.238	3.272.435
TOTAL ASSETS	10.452.208	9.748.795
OFF BALANCE ACCOUNTS (Note 7)	272.166	160.008

LATIN AMERICA AND CARIBBEAN NETWORK INFORMATION CENTRE (LACNIC)
STATEMENT OF FINANCIAL POSITION
AS OF DECEMBER 31, 2017
(Expressed in US Dollars)

	December 31, 2017	December 31, 2016
LIABILITIES		
CURRENT LIABILITIES		
COMMERCIAL DEBTS (Note 2.11)		
Account Payable	209.161	232.992
OTHER DEBTS (Note 2.12)		
Provisions for Employee Benefits	397.419	319.553
Benefits for Staff Retirement	56.817	50.036
Advanced Collections	383.083	342.655
Other Debt	46.248	50.797
	883.567	763.041
TOTAL CURRENT LIABILITIES	1.092.728	996.033
TOTAL LIABILITIES	1.092.728	996.033
EQUITY (Note 2.15)		
RETAINED EARNINGS		
Prior Year's Results	8.752.762	7.740.487
Comprehensive Result of the Year	606.718	1.012.275
	9.359.480	8.752.762
TOTAL EQUITY	9.359.480	8.752.762
TOTAL LIABILITIES AND EQUITY	10.452.208	9.748.795
OFF BALANCE ACCOUNTS (Note 7)	272.166	160.008

LATIN AMERICA AND CARIBBEAN NETWORK INFORMATION CENTRE (LACNIC)
STATEMENT OF COMPREHENSIVE INCOME
FOR THE YEAR ENDED AS OF DECEMBER 31, 2017
(Expressed in US Dollars)

	For the year ended as of December 31, 2017	For the year ended as of December 31, 2016
OPERATING REVENUES		
Net Operating Revenues (Note 8)	7.400.892	6.896.346
	7.400.892	6.896.346
OPERATING EXPENSES		
Salaries and Personnel Expenses (Note 11)	(2.944.337)	(2.462.882)
Travel Expenses (Staff, Board and Commissions)	(820.400)	(846.826)
Cooperation, Contribution and Memberships	(309.680)	(323.194)
Professional Fees and Hired Services	(568.214)	(587.992)
Outreach Costs	(474.299)	(267.082)
Travel Expenses (Fellows and Exhibitors)	(266.681)	(299.318)
Fixed Assets Depreciation (Annex)	(234.548)	(223.488)
Building Maintenance and Utilities	(222.479)	(192.480)
Communication Expenses	(173.292)	(138.428)
IT Maintenance Services	(154.660)	(159.539)
Training Expenses	(88.927)	(58.815)
Doubtful Accounts	-	2.471
Other Operating Expenses	(125.464)	(102.843)
	(6.382.981)	(5.660.416)
OTHER RESULTS		
Other Incomes	24.313	7.315
Other Expenses	(4.692)	(4.826)
	19.621	2.489
FINANCIAL RESULTS		
Interest and Bank Expenses	(31.351)	(21.759)
Collecting Fees	(83.542)	(54.304)
Interest Income	114.847	115.376
Discounts Granted	(371.540)	(346.189)
Differences of Investment Valuation	(43.084)	99.094
Foreign Currency Translation	(16.144)	(18.362)
	(430.814)	(226.144)
NET INCOME OF THE YEAR	606.718	1.012.275
Other comprehensive results	-	-
COMPREHENSIVE INCOME OF THE YEAR	606.718	1.012.275

FISCAL COMMISSION'S REPORT

Based on to the provisions of Article 5, Item (d) and Article 27, Item (c) of the approved and valid Bylaws of the LATIN AMERICAN AND CARIBBEAN INTERNET ADDRESSES REGISTRY (hereinfter "LACNIC"), a meeting of the Fiscal Commission made up by Hernán José Arcidiácono, Aristóteles Dantas Gaudêncio and Adriana Ibarra Vázquez was held.

In view of the above, this Report is issued in reference to the Financial Statements corresponding to the term ended on 31st December 2017 and Independent Auditor's Report.

CONCLUSIONS

ONE.- The results of the audit conducted by ESTUDIO KAPLAN, in their capacity as independent auditors, in relation to the Financial Statements corresponding to the term ended on 31st December 2017 were reviewed. The result of said audit was favorable and the referenced Financial Statements reasonably represent, in all material aspects, LACNIC's financial situation as at 31st December 2017.

TWO.- Based on the analysis conducted by the Fiscal Commission of the independent auditor's report and the documentation submitted by or requested from LACNIC, it is our conclusion that the information we have been presented reasonably reflects LACNIC's financial situation as at 31st December 2017 and therefore recommend its approval by the General Assembly under the provisions of the LACNIC Bylaws.

Montevideo, Uruguay, 21 March 2018.

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Fiscal Commission

Adriana Ibarra Vázquez - Aristóteles Dantas Gaudêncio - Hernán José Arcidiácono

DICTAMEN DE LA COMISION FISCAL

Con fundamento en artículo 5, inciso d) y 27, inciso c) de los Estatuto aprobados y vigentes del REGISTRO DE DIRECCIONES DE INTERNET PARA AMÉRICA LATINA Y CARIBE (en adelante "LACNIC"), se reúne la Comisión Fiscal conformada por Hernán José Archidiácono, Aristóteles Dantas Gaudencio y Adriana Ibarra Vazquez.

Atendiendo lo anteriormente expuesto, se emite un Dictamen relativo a los Estados Contables correspondientes al ejercicio finalizado al 31 de diciembre de 2017 e informe de auditoría independiente.

CONCLUSIONES

PRIMERA.- Se revisó el resultado de la auditoría de los Estados Contables del ejercicio finalizado al 31 de diciembre de 2017 realizado por la firma ESTUDIO KAPLAN, como auditor independiente. El resultado de dicha auditoría ha sido favorable y los estados contables referidos presentan razonablemente en todos sus aspectos significativos la situación patrimonial de LACNIC al 31 de diciembre de 2017.

SEGUNDA.- Derivado del análisis que realizó el Órgano de Fiscalización del informe del auditor independiente y la documentación presentada por o requerida a LACNIC, concluimos que los datos presentados reflejan razonablemente la situación patrimonial de LACNIC al 31 de diciembre de 2017, por lo que aconsejamos su aprobación por la Asamblea General de conformidad con el Estatuto de LACNIC.

Montevideo, Uruguay a 21 de marzo de 2018.

Comisión Fiscal


Hernán José Archidiácono


Aristóteles Dantas Gaudencio


Adriana Ibarra Vazquez