



Latin American and Caribbean Internet Addresses Registry
Registro de Direcciones de Internet para **América Latina y Caribe**
Registro de Endereços da Internet para **América Latina e Caribe**

LACNIC and the Information Society

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LACNIC Vision 2009

To be a leader in the ***construction and articulation of collaborative efforts*** for ***Internet development and stability*** in Latin America and the Caribbean



Strategic lines

- ◆ **Regional and International Forums (eLAC, IGF, CITELE)**
- ◆ **Capacity building (FRIDA, WALC, IPv6 Tour)**
- ◆ **Strengthening regional infrastructure (+Raices, Security, RPKI, IXPs/NAPLA, 6DEPLOY)**
- ◆ **Institutional cooperation (LACTLD, CLARA, eCOMLac)**



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REGIONAL AND INTERNATIONAL FORUMS



Enhanced Cooperation

- Concept originated during the WSIS in Tunis
- Big challenge: to develop new cooperation/collaboration models which increase the participation of all relevant stakeholders on the Internet Governance
- LACNIC is committed with this concept and has achieved significant results
- The level of relationship with the governments, civil society, private sector and international organizations has considerably increased



eLAC

- ◆ It was the result of the Regional Conference of Governments, in 2005 (Río de Janeiro). eLAC-2007 includes 70 goals.
- ◆ eLAC-2007 process is runs by the Economic Commission for Latin America and the Caribbean (ECLAC)
- ◆ Revised on 2008, eLAC 2010 includes 85 goals.
- ◆ LACNIC has activities that directly contribute with the achievement of 1/3 of the eLAC objectives probing that LACNIC is an active actor in the development of the Information Society in our region.
- ◆ LACNIC usually participates in every eLAC activities and specially in those working groups related to the technical stability of Internet (Goal 1 Infrastructure).



eLAC-2010

- ◆ **Particularly, goal 15 referring to IPv6:**
 - “ *Carry out actions geared towards promoting the adoption of the IPv6 protocol at the public and private levels with a view to making all public services offered via the IP protocol, as appropriate, available on IPv6 and ensuring that the main State infrastructure and applications are IPv6-compatible. Actions to be implemented will, to the extent possible, include the early implementation of requirements to ensure that government procure equipment and applications that are IPv6-compatible.*”



OTHER

- **CITEL/OAS**

- Inter-American forum for technical issues
- LACNIC present in all CCP I meetings
- Contribution to the IPv6 goal
- Workshops (IPv6, Interconnection, RPKI, etc.)

- **WSIS – IGF**

- Active participation in all the WSIS process.
- High involvement in IGF (as NRO and as LACNIC)

- **CTU, ITU, OECD,**



LACNIC open consultation meeting

- ◆ “Enhanced cooperation”
- ◆ Montevideo, Uruguay, 19/8/2008.
- ◆ **Rio de Janeiro, 11-13/08**
- ◆ Open to all stakeholders
- ◆ OSC, academy, governments, private sector
- ◆ Report to the community about activities, projects, challenges
- ◆ Feedback



Regional preparatory meeting of IGF

- ◆ Organizations: APC, RITS, LACNIC
- ◆ Goal: to increase the LAC participation and influence in Governance global issues
- ◆ Multistakeholder approach
- ◆ 1st Edition: Montevideo, August 20th 2008
- ◆ **2nd Edition: Rio de Janeiro, Brazil, August 11-13**
- ◆ Main focuses (IGF): Access; Openness and Security, Privacy; Critical Internet Resources, Multilingualism and Accessibility; The future of IGF

<http://www.nupef.org.br/igf/english>



Technical forums

- ◆ **Promoting the articulation of technical community**
- ◆ **Discussion lists**
- ◆ **Annual meetings**
- ◆ **Chairs from the community**
- ◆ **FLIP6, Security, Interconnection/NAPLA**
- ◆ **Concurrent with LACNIC annual meeting**



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PROJECTS IN PROGRESS



FRIDA



- ◆ **Donors**
IDRC, ISOC and LACNIC
- ◆ **GOAL**
To enhance the regional capability of developing knowledge and its influence on the development of ICT public policies related to solving relevant issues in LAC which limit the development of the Information Society
- ◆ **Tools**
ICT Research Projects call



FRIDA key points

- ◆ **Regional fund**
- ◆ **Organizations**
- ◆ **Latin American and Caribbean countries**
- ◆ **Innovative research**
- ◆ **Projects**
- ◆ **ICT**
- ◆ **Small grants**



FRIDA Summary

- ◆ 4 Summons for research projects (2004, 2005, 2007, 2009)
- ◆ Donors: IDRC, ICA, ISOC, GKP, LACNIC
- ◆ Main Results
 - ◆ Consolidation of Regional Fund
 - ◆ 660 initiatives from 23 countries
 - ◆ USD 1.200.000
 - ◆ 47 projects executed by researchers from 13 countries
 - ◆ 6 researchers supported to disseminate their results
 - ◆ 1 regional workshop with the community
- ◆ Researchers involved in relevant global issues
- ◆ Better recognition of the researchers around the region



FRIDA at this moment

- ◆ **Fifth Summon (2009)**
 - ◆ **August 2009**
 - ◆ **10 new projects**
 - ◆ **USD 15000/project**
- ◆ **Ad-hoc call**
- ◆ **New donors**
- ◆ **Dissemination**

<http://www.programafrida.net/>



WALC

- ◆ Hands-on workshops
- ◆ One-week, several technical tracks
- ◆ Host organization: ESLARED, Mérida – Venezuela
- ◆ Sponsors: LACNIC, NSRC, ISOC, ICA, ...
- ◆ Alternative locations, annual call
- ◆ **WALC 2009: Bogotá, 21-25/09**

<http://eslared.org.ve/walc2009/>



+RAICES

- ◆ Root servers are a key part of the Internet,
- ◆ For technology reasons the number of this servers is limited to 13
- ◆ 10 of them are located in USA, 2 in Europe and 1 in Japan
- ◆ Anycast technology made possible to have clones of Servers and locate them around the world
- ◆ At this moment there are more than 160 copies
- ◆ Two copies before +Raices in LAC region



+RAICES

- ◆ Agreement with ISC (F RS responsible)
- ◆ Main Results:
 - ◆ **6 root servers installed Chile (2005), Argentina and Venezuela (2006); Panama and Ecuador (2007) and St. Maarten (July 2009)**
 - ◆ **Articulation with: governments, academy, private associations**
 - ◆ **Other possible locations?: Curaçao, Bogotá?**
 - ◆ **Requirements: connectivity, equipment, facilities**
- ◆ Other Root Servers to deploy?



IPv6 Tour

- ◆ LACNIC campaign (July 2007)
- ◆ All regional networks IPv6 ready at 1/1/11
- ◆ A set of activities focused in IPv6 deployment
- ◆ Locations
 - ◆ 2008: Bahia, BR, Montevideo, UY; Curaçao, AN; Port au Prince, HT; La Habana, Cu; Port of Prince, TT; San José, CR
 - ◆ 2009 done: Santo Domingo, DO; Port of Prince, TT; Panama, PA; Lima, PE; La Paz, BO; St. Maarten, AN
 - ◆ 2009 planned: Belize, BZ; Tegucigalpa, HN; Managua, NI; El Salvador, SV; Asuncion, PY, Santa Cruz, BO; Quito, EC
 - ◆ On demand
- ◆ IPv6 Portal – <http://portalipv6.lacnic.net>
- ◆ 6DEPLOY – Support many of the workshops



IXPs - INTERCONNECTION

- ◆ NAPLA/Interconnection forum
- ◆ IXP Workshops (El Salvador, Salvador de Bahia, Curaçao, Panama)
- ◆ Policies and membership fees (IXP)
- ◆ Discussion list:
napla@lacnic.net
- ◆ eLAC working group
- ◆ Future workshops:
 - ◆ **Infrastructure and regional interconnection CITEC. Res. 142 XIII. 28 September 2009, Bariloche.**
 - ◆ **IGF Workshop Proposal (270) “Public Policies for an improved interconnection at lower cost” (LACNIC, INDOTEL, SUBTEL, CABASE, NAP del Caribe, Google)**



SECURITY

- ◆ **Project CSIRTs**
 - ◆ Tutorials and Network Security forum in LACNIC meetings
 - ◆ Project with IDRC funds to increase regional capacity of CSIRTs (public training materials)
- ◆ **RPKI (Resource certification)**



Cooperation with other organizations

- ◆ **Helping start up process**
- ◆ **Legal assistance**
- ◆ **Facilities (building, connectivity)**
- ◆ **Financial managment**
- ◆ **Human resources**
- ◆ **Annual meeting**
- ◆ **LACTLD, eCOMLac, CLARA**



Development Agenda

- LACNIC invest a 35-40% of its incomes in activities that are intended to promote the Information Society and Internet development in the region



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¿Questions?

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