



# Deployment of IPv6 in Latin America

*Florencio I. Utreras*  
*<Florencio.Utreras@redclara.net>*  
*Executive Director of CLARA*  
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# **Statistics as of November 2004**



## IPv6 IN LATIN AMERICA

### Testbed Networks (Within 6Bone Project)

- **57 Nodes (1487 worldwide, i.e. 3.83%).**
  - 14 in Argentina
  - 13 in Brazil
  - 3 in Chile
  - 5 in Colombia
  - 1 in Cuba
  - 3 in Dominican Republic
  - **15 in Mexico**
  - 2 in Peru
  - 1 in Uruguay



## IPv6 IN LATIN AMERICA

### Test Prefixes (Within 6Bone Project)

- **8 pTLA (118 worldwide (23 Returned), i.e. 6.78%)**
  - Rede Nacional de Pesquisa, RNP, Brazil
  - Fibertel, Argentina
  - UNAM, Mexico
  - ITESM, Mexico
  - Compendium, Argentina
  - UDG, Mexico
  - REUNA, Chile
  - RETINA, Argentina



## IPv6 IN LATIN AMERICA Production Networks

- **16 sTLA's (711 worldwide, i.e. 2.25%)**
  - UNAM, Mexico
  - AVANTEL, Mexico
  - ITESM, Mexico
  - RNP, Brazil
  - AXTEL, Mexico
  - PROTEL, Mexico
  - UNINET, Mexico
  - Brazil / Dominicana
  - REUNA, Chile / RETINA, Argentina
  - RAU, Uruguay
  - U de G, Mexico



# IPv6 on RedCLARA



## June-October 2005

- Backbone to be double stack
- IPv6 /32 address block (xxxx:xxxx::/32) requested from LACNIC
- The address plan is already under conclusion
- Begin of deployment July 2005
- CUDI, REUNA, RNP, RETINA will start peering inmediately



## CLARA IPv6 Working Group

- Write technical recommendations on the use of IPV6 aimed at CLARA Eng. Group and the LA NREN's.
- Serve as a link with other WG on IPv6 in LA and around the globe
- Coordinate with the other CLARA WG's on common activities
- Coordinate its activities with CLARA-NEG and CLARA-NOC.
- Created in April 2005 during the CLARA Technical Meeting





## FLIP-6: Latin America IPv6 Task Force

- **International Forum aimed at:**
  - Promoting the deployment of IPv6 in Latin America and the Caribbean
  - Facilitate the exchange of experiences on services and applications
- **Regular meetings are creating a community**
- **CLARA serves as Vice-Chair of IPv6 (Guillermo Cicileo)**
- **Third Meeting will take place on June 29 in Lima, Perú**



## LACNIC Promotion Role

- **Actively promoting IPv6 through:**
  - Sponsoring FLIP-6
  - Funding research programs and early implementation stages through FRIDA Grants
  - Given away 2 years of free allocation to NREN's (subscription has to be paid afterwards)