Internet in LA: History, Present and Challenges

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Milestones

• First Connectivity to NSFNet: 1989, Monterrey Tech
• First NRENs: RNP connected in April 1991, REUNA in January 1992
• Commercialization in 1995
• Creation of LACNIC: Agreement reached in 1999, established 2001
• RedCLARA established in 2003
• First Root Server in LA: 2005
• LACTLD established in 2008
Current Internet Traffic

Source: Telegeography
Traffic Growth

South America International Internet Bandwidth (Tbit/s)

- 2006: 0.3
- 2007: 0.4
- 2008: 0.9
- 2009: 1.3
- 2010: 2.0

CAGR: 60%

Source: UIT
Traffic Forecast

Market Demand South America (Tbit/s)

Source: ELLA Study
Current Submarine Cable Situation

Source: Telegeography
Key Challenges

• Broadband penetration and inclusion
• Strengthening the Regional Academic Network (RedCLARA) to become a full Dark Fibre Network
• Developing a real LA Network through multiple cross border country interconnections
• Establishing a redundant set of connections to the outside world, including direct submarine cable connections to other continents: Africa, Asia Pacific and Europe.
http://www.redclara.net