What is LACNIC?

- RIR for the LAC region. Allocates IP addresses and Autonomous System Numbers.
- But LACNIC is more than resource allocation:
  - FRIDA Program for ICT development.
  - AMPARO Program for Security.
  - SIMON Program for Traffic Measurement.
  - IPv6 Task Force for Latin-America.
What is LACNIC doing about IXPs?

- NAPLA: Naps of Latin American. LACNIC hosts its annual meeting and mailing list.
- Current Chair: Milton Kaoru Kashiwakura from NIC.BR.
- Last Meeting: May 2009, Panama City.
- mailing list: napla@lacnic.net
- webpage: http://napla.lacnic.net
- Interconnection workshops 2009:
  - Panamá City (PA), Port of Spain (TT), Bariloche (AR), Sharm el Sheikh (EG).
IXPs in LACNIC Region

New IXPs in 2009.
Simon Project:

- Project proposed by the community.
- Objective is to measure inter-connection in LACNIC region.
- First application launched during NAPLA 2009 meeting.
Simon Project: Latency results.

See [http://simon.lacnic.net](http://simon.lacnic.net)
Simon: IXP effect in local latency

Mexico does not have local IXP and an important part of its domestic interconnection was detected to be exchanged in the US.
Simon: Regional Interconnection.

- Directly Connected… ~30ms
- Not very connected… ~180ms
- Badly connected… ~320ms

Most users exchange traffic between Argentina and Uruguay at > 300ms
IPv6 and IXP.

• LACNIC is driving an initiative to have all IXPs in the region to be IPv6 ready in December 2009.

• A best practices guide has been writing.

• The guide is under IETF RFC process: draft-v6ops-v6inixp

• Can we make IPv6 interconnection better than IPv4?
Thank!
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