



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**

IXP Panel IGF

Roque Gagliano
LACNIC

What is LACNIC?

- **LACNIC: Latin-American and Caribbean Network Information Center.**
- **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).

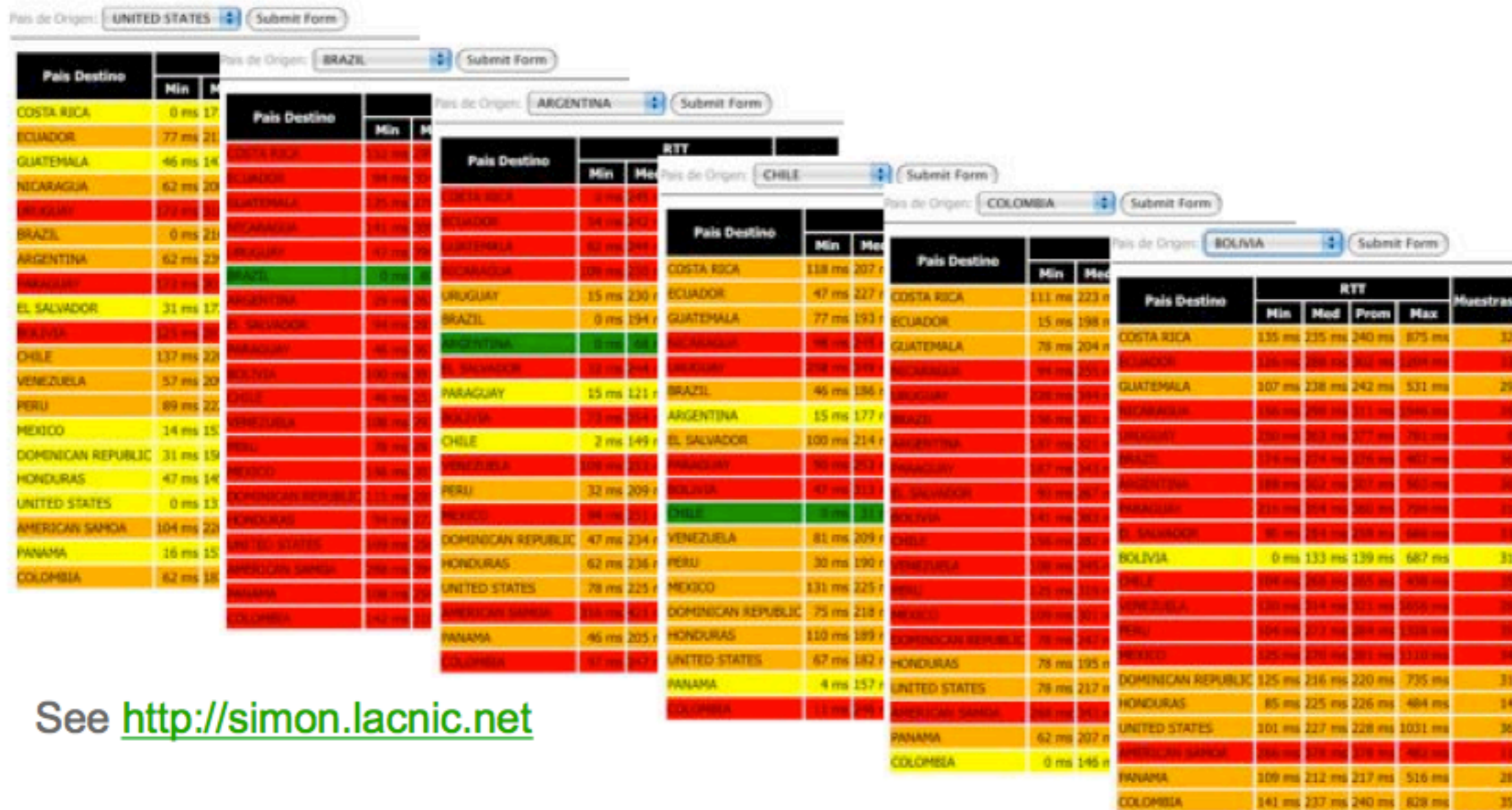
IXPs in LACNIC Region



Simon Project:

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

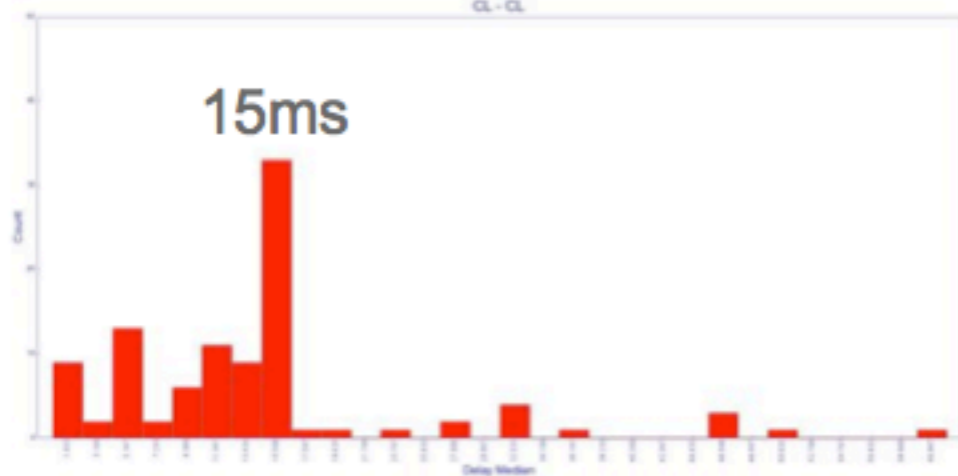
Simon Project: Latency results.



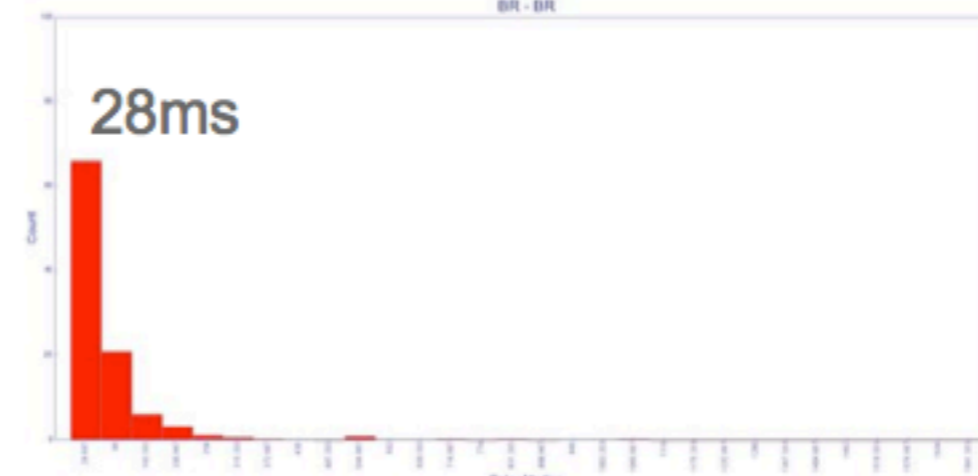
See <http://simon.lacnic.net>

Simon: IXP effect in local latency

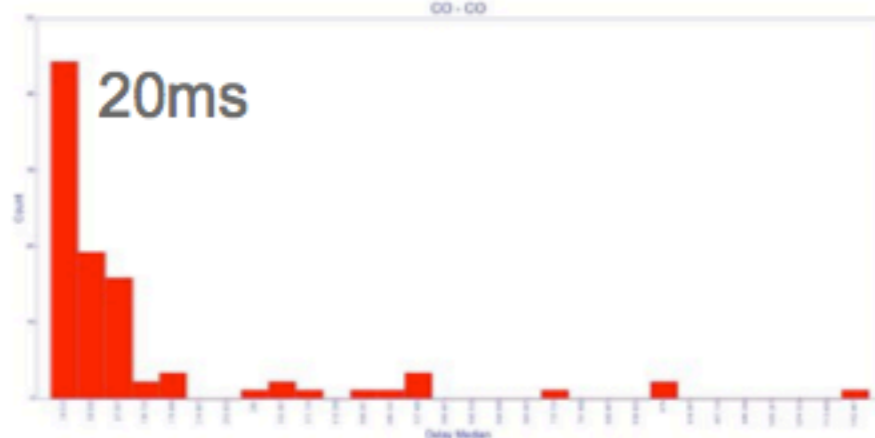
Chile
CL - CL



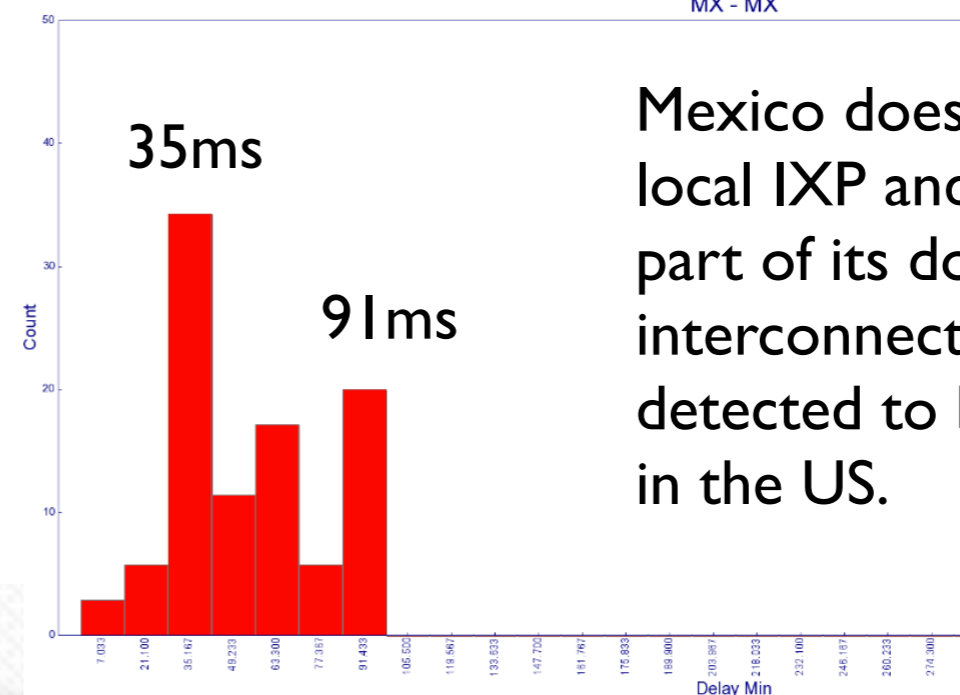
Brazil
BR - BR



Colombia
CO - CO



MX - MX



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

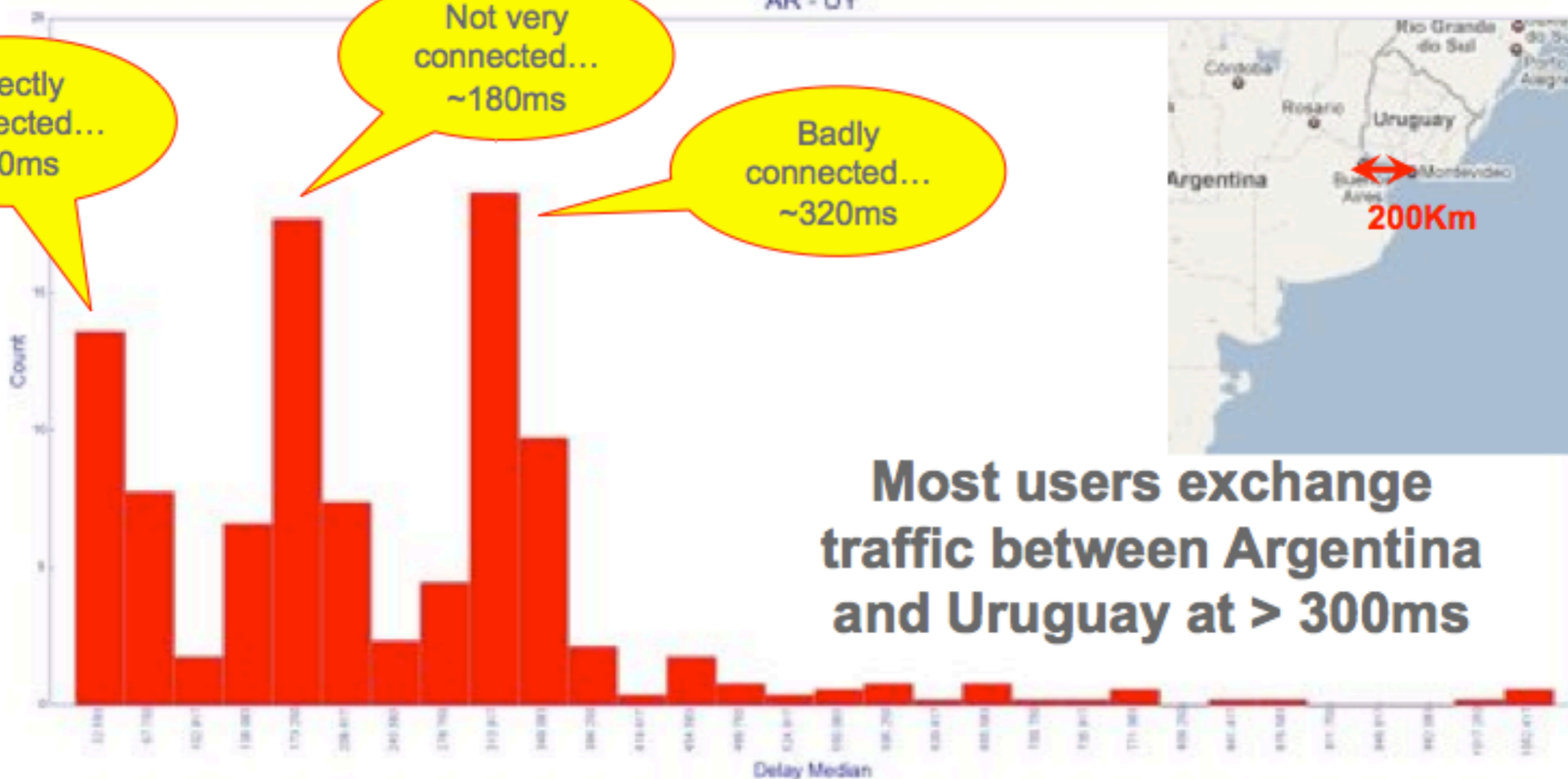
Simon: Regional Interconnection.

AR - UY

Directly Connected...
~30ms

Not very connected...
~180ms

Badly connected...
~320ms



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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