

Regional Development Forum 2008

"Bridging the Standardization Gap in Developing Countries"

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Internet Protocol based platform

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relative to Internet resources

CITEL



Protocols IP

IPv4 Supports 4.294.967.296
(2^{32}) Network Addresses

Estimated Date of Exhaustion
01/01/2011



Solution Available

IPv6 Supports

340.282.366.920.938.463.463.374.607.431.768.211.456

(2^{128}) or 340 Sextillions Network
Addresses





TRIPLE PLAY

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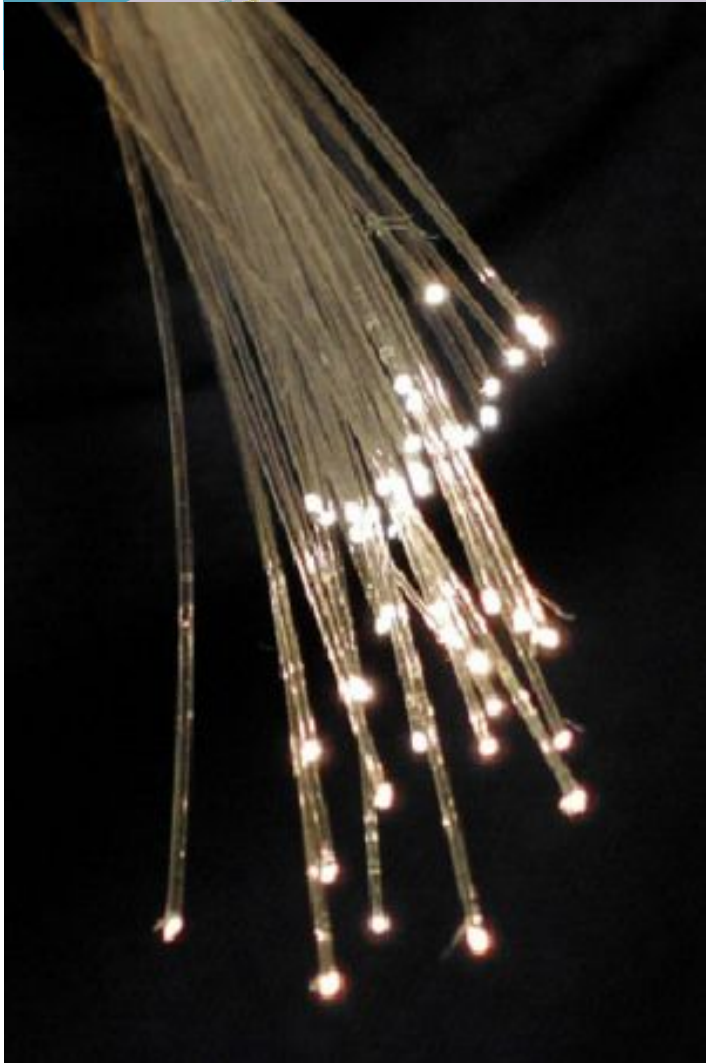
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QUADRUPLE PLAY



"n" PLAY

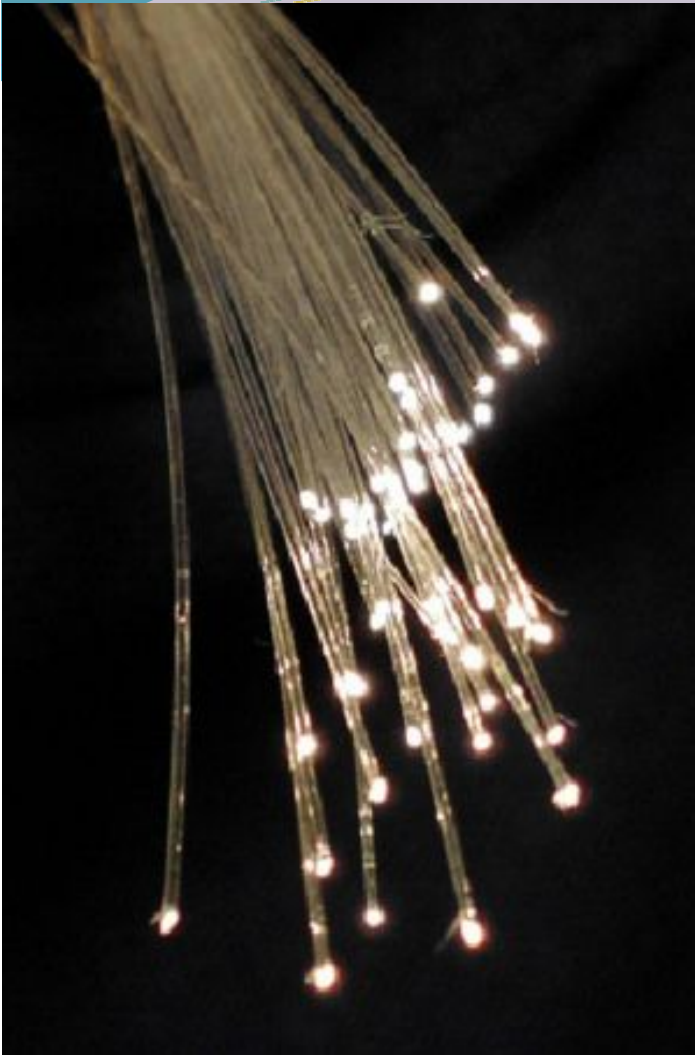


- Television
 - Video On Demand
 - Video conference
- Universal Mobile Access
 - Mobility – Transfer
 - IP Telephony
 - VoIP application
 - IM



"n" PLAY

- Click to Call
- Voice Portal
- ICW
- Directory Services
- Audio conference
- Instant Messaging
- E-Mail
- Data



Network Security

- Unlimited access to IP addresses
- Allows point-to-point networks
- IPsec utilization
- Authentication
- Encryption



Support Actions

- Recommendations adopted at the last meeting of the PCCI– CITEL
 - That the administrations that have not done so yet shall adequate their procurement systems in a way that all telecommunications equipment to be purchased in a tender or directly, must have the ability to support IPv6



Support Actions

- That in the area of institutions responsible for telecommunications in each country expert groups to generate "IPv6 Task Forces" will be formed, as it happens in certain countries.
- That the states in conjunction with the private sector develop promotional activities in IPv6 for their respective countries.

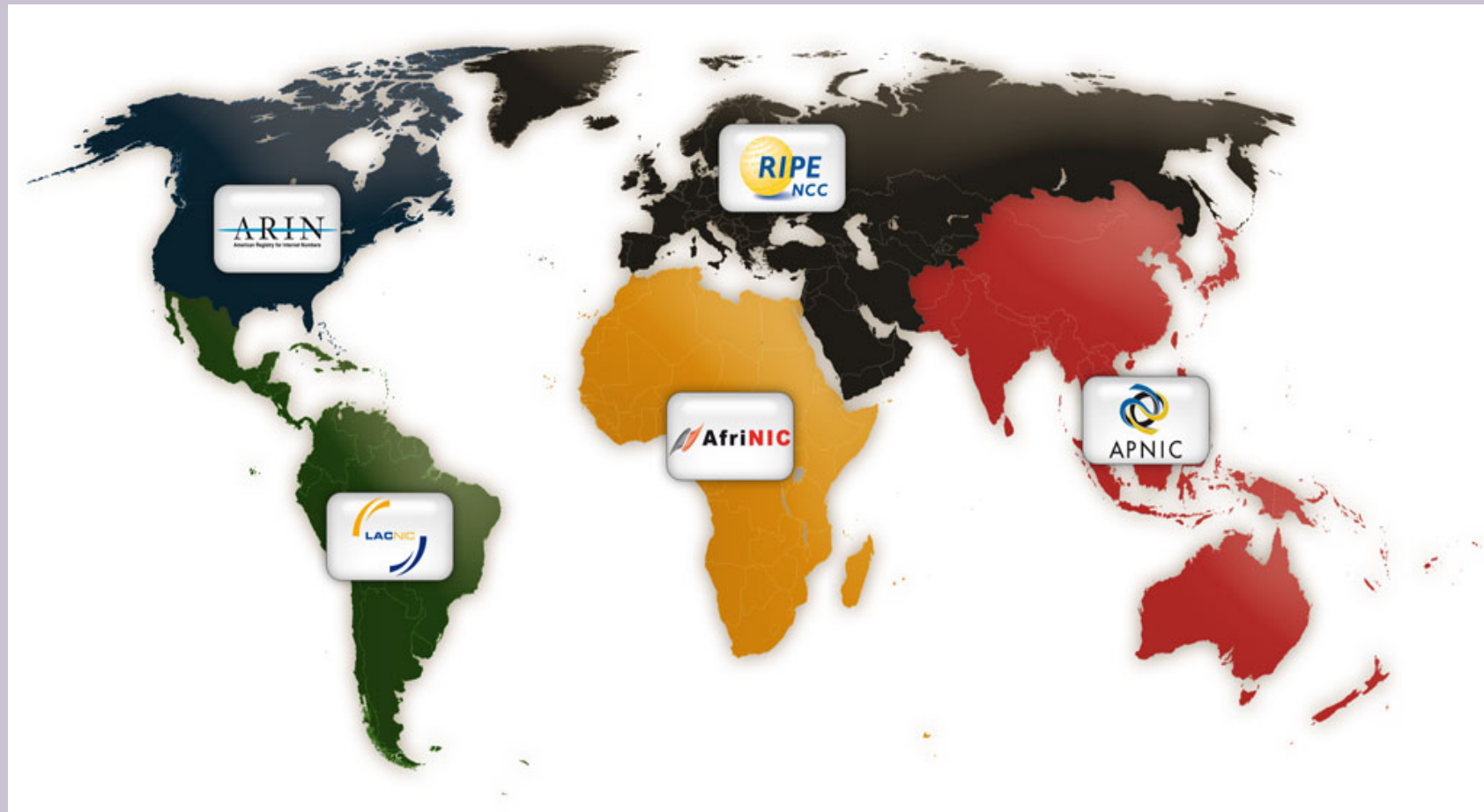


Support Actions

- To carry out coordinated actions with the private sector to achieve a deployment of IPv6 that meets the eLAC2010 goals.
- That CITEL's member states will share in the forthcoming meetings of PCCI the kind of actions taken to promote the deployment of IPv6 in their countries.



Regional Internet Registries System



LACNIC's Region Coverage

LACNIC serves 29 territories in Latin America and the Caribbean



Antillas Holandesas	Argentina	
Aruba	Belice	
Bolivia	Brasil	Chile
Colombia	Costa Rica	Cuba
Ecuador	El Salvador	Guyana Francesa
Guatemala	Guyana	Haití
Honduras	Islas Malvinas	
México	Nicaragua	Panamá
Paraguay	Perú	República Dominicana
South Georgia and the South Sandwich Islands		Suriname
Trinidad y Tobago	Uruguay	Venezuela



Support Actions

- Policies being adapted
- Fee Suspension
- Funding for Research
- Promotional Activities
- Training and Coaching



Support Actions

- Permanent review and creation of policies
- Allocation of blocks of addresses at no cost
- Funding for research projects on IPv6



Support Actions

- LAC - IPv6 Task Force
- Support for creating IPv6 Task Forces
- Seminars on IPv6
 - Argentina - Brazil – Cuba – Chile – Mexico
Panama – Peru - Dominican Rep. - Uruguay –
Venezuela
 - More than 2,500 participants



Support Actions

LACNIC XI
26/30 MAIO 2008 SALVADOR/BAHIA - BRASIL

