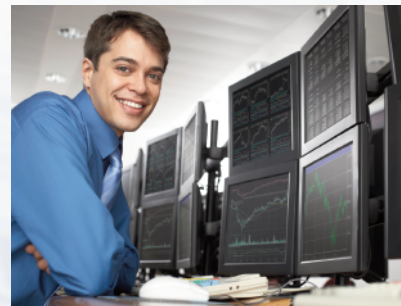# AMPATH

PATHWAY of the Americas

AMPATH serves as the premiere interconnection point for network-enabled U.S.-Latin America and Caribbean science research and education. Through its exchange point facilities in Miami, Florida, high-bandwidth network services are available for U.S. and international research and education networks to extend participation to underrepresented groups in Latin America and the Caribbean. AMPATH works as a major research facility recognized by the U.S. National Science Foundation, supporting international e-science.

AMPATH provides a variety of connection technologies:

- Layer2 ethernet connections, up to 10 Gigabits per second, including ethernet vlans mapped using Next-Generation SONET/SDH protocols.
- Packet Over SONET (POS)/Synchronous Data Hierarchy (SDH) connections.
- Asynchronous Transfer Mode (ATM) connections.
- Standard interface configuration includes support for jumbo frames.

Collocation Services:

AMPATH can offer collocation space for connectors that would like to house their equipment in Miami, at its exchange point facilities at the NAP of the Americas.

Peering Services at AMPATH

A connection at AMPATH provides connectors with the capability to peer with a wide variety of networks via Layer3 services with support for IPv4 and IPv6 unicast and multicast. Through the AMPATH peering fabric, connectors may establish peering connections with networks connected at the exchange point. AMPATH extends its peering fabric through the AtlanticWave a distributed peering and exchange infrastructure along the Atlantic rim.

The following networks are accessible either directly connected or via layer 2 at the AMPATH international exchange point:

- Internet2
- Florida Lambda Rail (FLR)
- National Lambda Rail (NLR)
- Energy Sciences Network (ESNet)
- redCLARA
- NAP of the Americas Peering Net

- Level3- Tier 1 Commodity
- AT&T- Tier 1 Commodity
- Sprint- Tier 1 Commodity
- Verizon Business- Tier 1 Commodity
- Cogent- Commodity

AMPATH implements best practices for international exchange points. AMPATH is participant of the Global Lambda Integrated Facility (GLIF) Open Lightpath Exchange (GOLE), http://www.glif.is/resources/.

Connecting to AMPATH:

To inquire about connecting your network to AMPATH, please contact us at info@ampath.net, or call: +1-305-348-4105. Please request to speak to Donald Cox.

AMPATH Network Peers

Yahoo
Google
Verisign
Akamai
Microsoft
LimeLight Networks
Impsat
Packet Clearing House (PCH)
Peer1 Networks
Terremark NOTA Peering
GNAPS
Sunrise Telecom (TDC Switzerland)

Free.fr (France Telecom)
DALNet
Host.net
Cache Networks
ComSat
Prolexic
NeuStar
PowerMedium
WV Fiber
BitGravity
OCCAID

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C I A R A
Center for Internet
Augmented Research & Assessment