TELEHOUSE Exchange Points Update

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TELEHOUSE *AMERICA*

NYIIX

- Statistics: Peak 1.8Gbps, Avg 1.5Gbps
- Consolidated H/W to Foundry (Retired Cisco)
- Now supports IPv6 peering on the same switching fabric (dual stack, 5 members)

LAIIX

- Configuration change:
  - PAIX/LA joins LAIIX/LAAP

  LAIIX—LAAP—PAIX/LA

- H/W upgrade to support GbE (1000BASE-SX/LX)
- IPv6 peering (dual stack) will be supported in 1Q.

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6IIX

- NY – Ceased operation

  NYIIX v6 support takes over v6 peering
- LA – Will be ceasing operation

  LAIIX v6 support will take over v6 peering

Interconnection to PAIX

- Discussion still ongoing.

MPLS Based IX

- Basic test completed in 2002. Works!
- Pros: no 3rd party next hop, no broadcast attack, Data link layer independent

  Cons: poor port density > higher cost

  poor performance/$ ratio
- Will perform more realistic tests (reliability, performance) in 2003 with a couple of vendors.
- Kudos to the vendors who have supported our test. Thanks!