NANOG 51 Peering BoF
2/1/2011
Equinix AP Presences

Hong Kong
- Available at HK1 (HK2 in Q3 2011)
  - 24 Participants

Singapore
- Available at SG1 and SG2
  - 79 Participants

Sydney
- Available at SY1 and SY2 (SY3 in Q2 2011)
  - 85 Participants

Tokyo
- Available at TY1 and TY2 (TY3 in Q3 2011)
  - 37 Participants

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Sydney and Tokyo Expansions

- Equinix SY1
- Equinix SY3
- Equinix TY1
- Equinix TY2
- Equinix TY3

- NTT Data
- Comspace
- Shin Nikko
Hong Kong Expansion

Equinix HK1

Equinix HK2

Mega-I (HP1)
Equinix EU Presences

Paris
- Available at PA2, PA3, and TH2
  - 100 Participants

Zurich
- Available at all ZH sites (ZH1-4)
  - 64 Participants

Geneva
- CIXP, Co-operated with CERN
  - Available at GV1, GV2, and CERN
  - 31 Participants
NA Compare and Contrast with AP and EU

• Operations
  • 24x7 NOC and support for every IX location

• Customer Resources
  • Regional Business Development and Product Management Teams
    – EU: Vincent Rais and Fabienne Adam
    – AP: Horatio Chan and William Zhang
  • Portals
    – Separate NA/EU and AP portals
      o Working to incorporate global data into https://ix.equinix.com (e.g. Participant Lists are updated)
  • Contacts
    – Regional contact and discussion lists

• Contracts
  • Continued discussion with customers and internally about global contracts

• IX Policies
  • Internal effort to resolve small differences, but policies are similar
Growth of international IX participants over the past 6 months
- Paris has shown considerable growth

~15% of networks peering at international sites appear to be US-based, largely content providers and CDNs with a few carriers.
Participant View by ASN

- NA-Only: 40%
- AP+NA: 5%
- EU+NA: 5%
- AP-Only: 27%
- AP+EU: 0
- EU-Only: 20%
- All: 3%
Stats

- Paris
  - Participants recently reached 100, Traffic recently reached 20G daily peaks
  - PA3 expansion in Q2 2011 provides space for continued expansion

- AP Stats

  ![Graph showing EE - AP Equinix Exchange (Yearly)]

  - PeeringDB registration (raw numbers, analysis shows 5%-10% is expected)
    - US: 17% of ASNs not registered
    - EU: 31% of ASNs not registered
    - AP: 40% of ASNs not registered