NANOG 51 Peering BoF

2/1/2011

Equinix AP Presences

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

Singapore
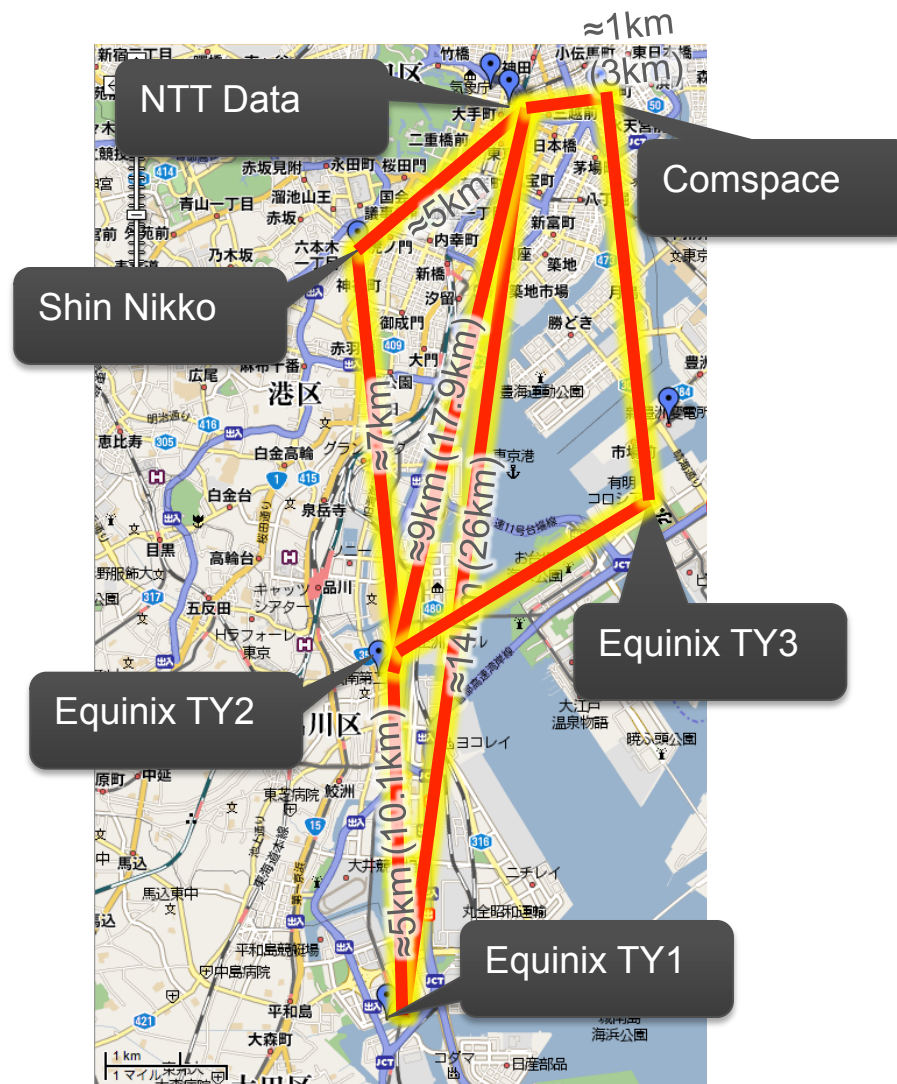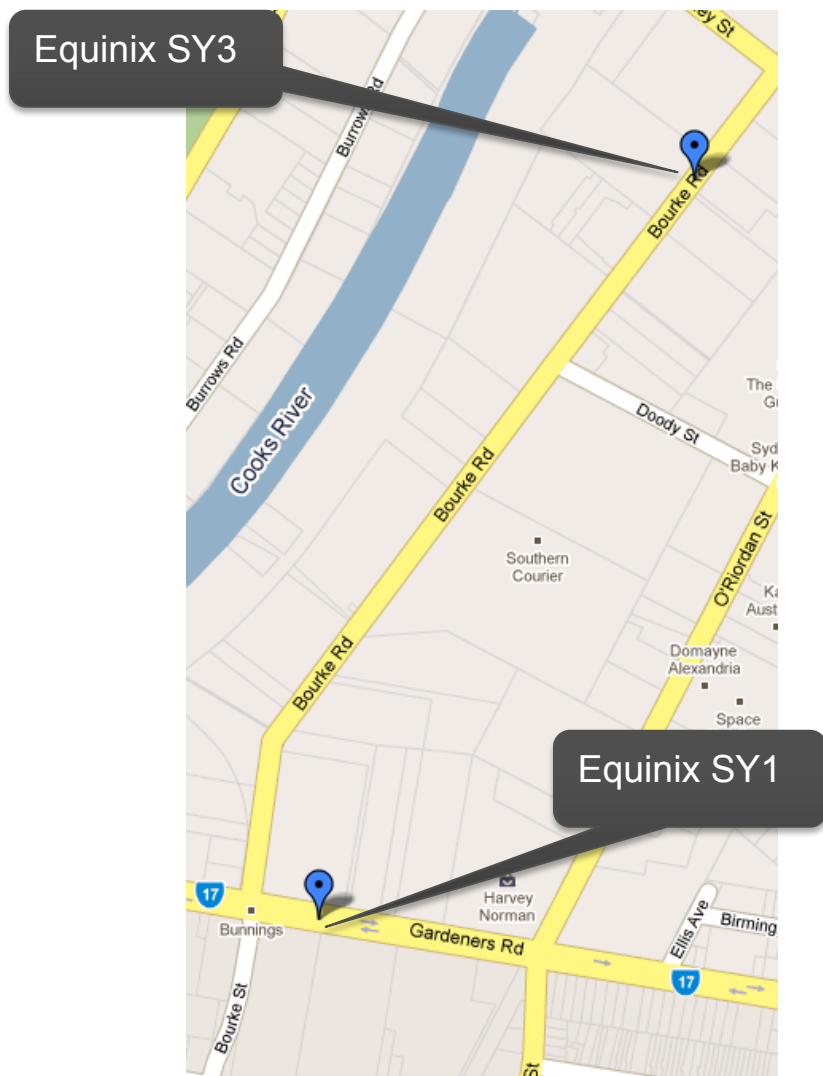 - Available at SG1 and SG2
  - 79 Participants

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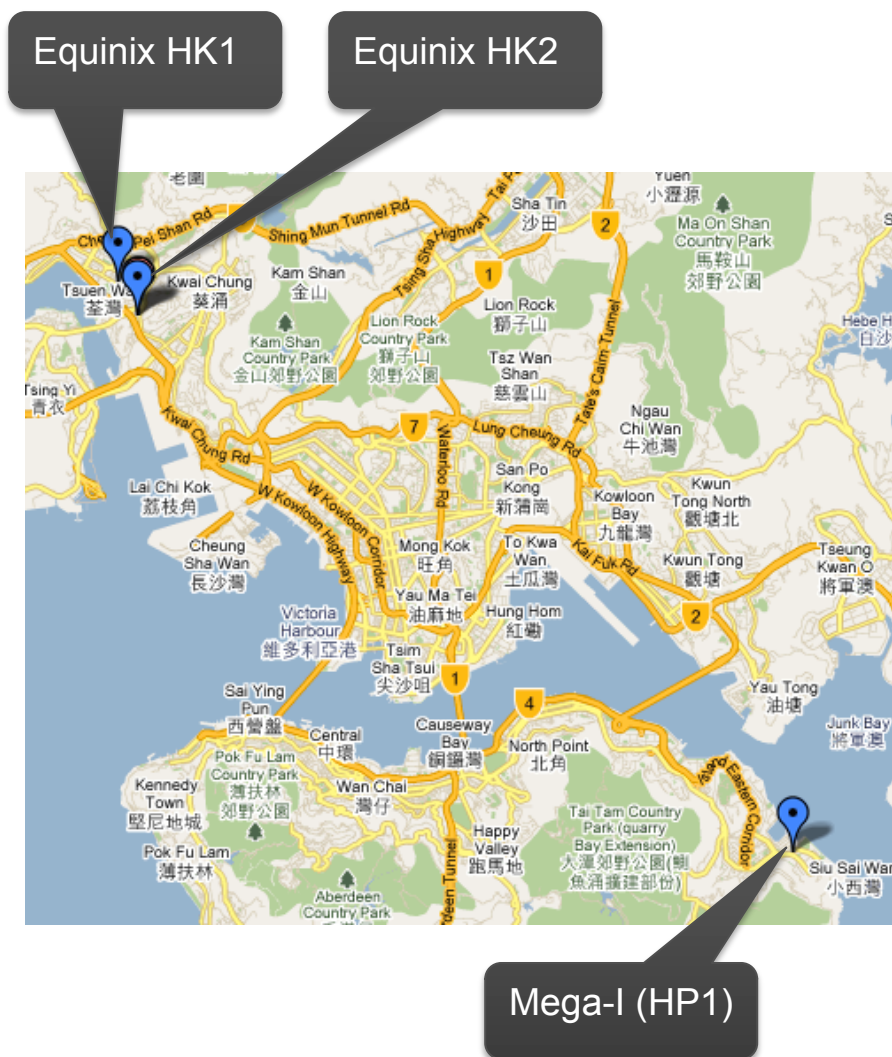 - Available at SY1 and SY2 (SY3 in Q2 2011)
  - 85 Participants

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

TOKYO*

HONG KONG

SINGAPORE

SYDNEY

Sydney and Tokyo Expansions

Hong Kong Expansion

Equinix HK1

Equinix HK2

Mega-I (HP1)

Equinix EU Presences

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

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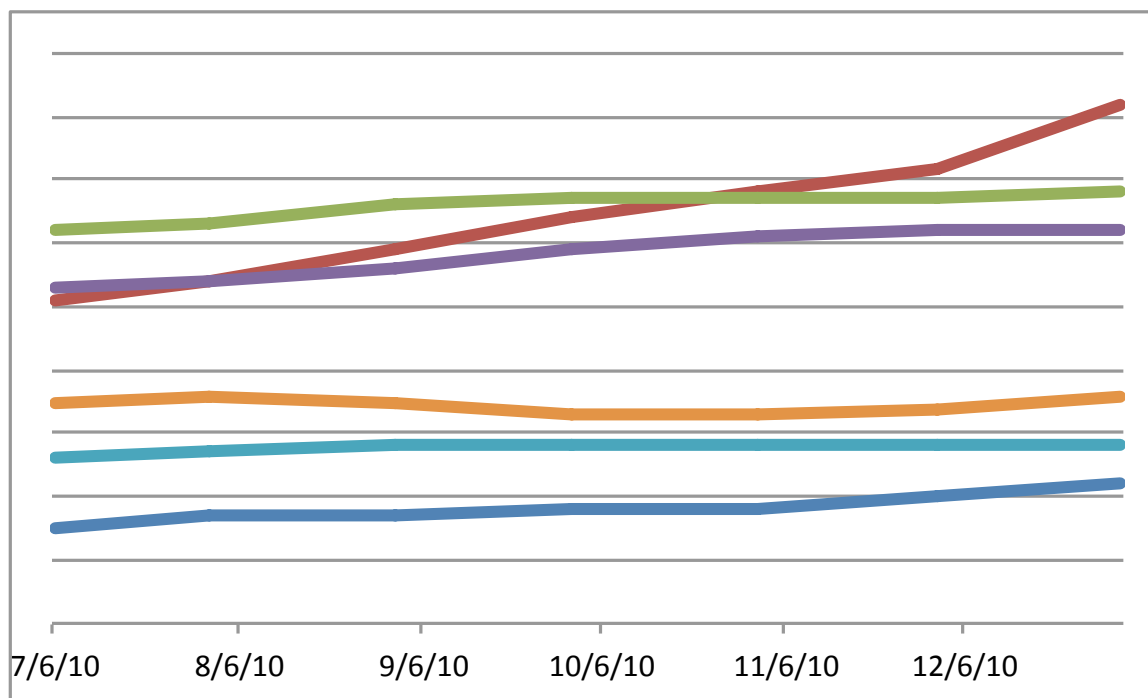 - Available at all ZH sites (ZH1-4)
  - 64 Participants

Geneva
  - CIXP, Co-operated with CERN
  - Available at GV1, GV2, and CERN
  - 31 Participants

LONDON

AMSTERDAM

DUSSELDORF

FRANKFURT

PARIS

MUNICH

ZURICH

GENEVA

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
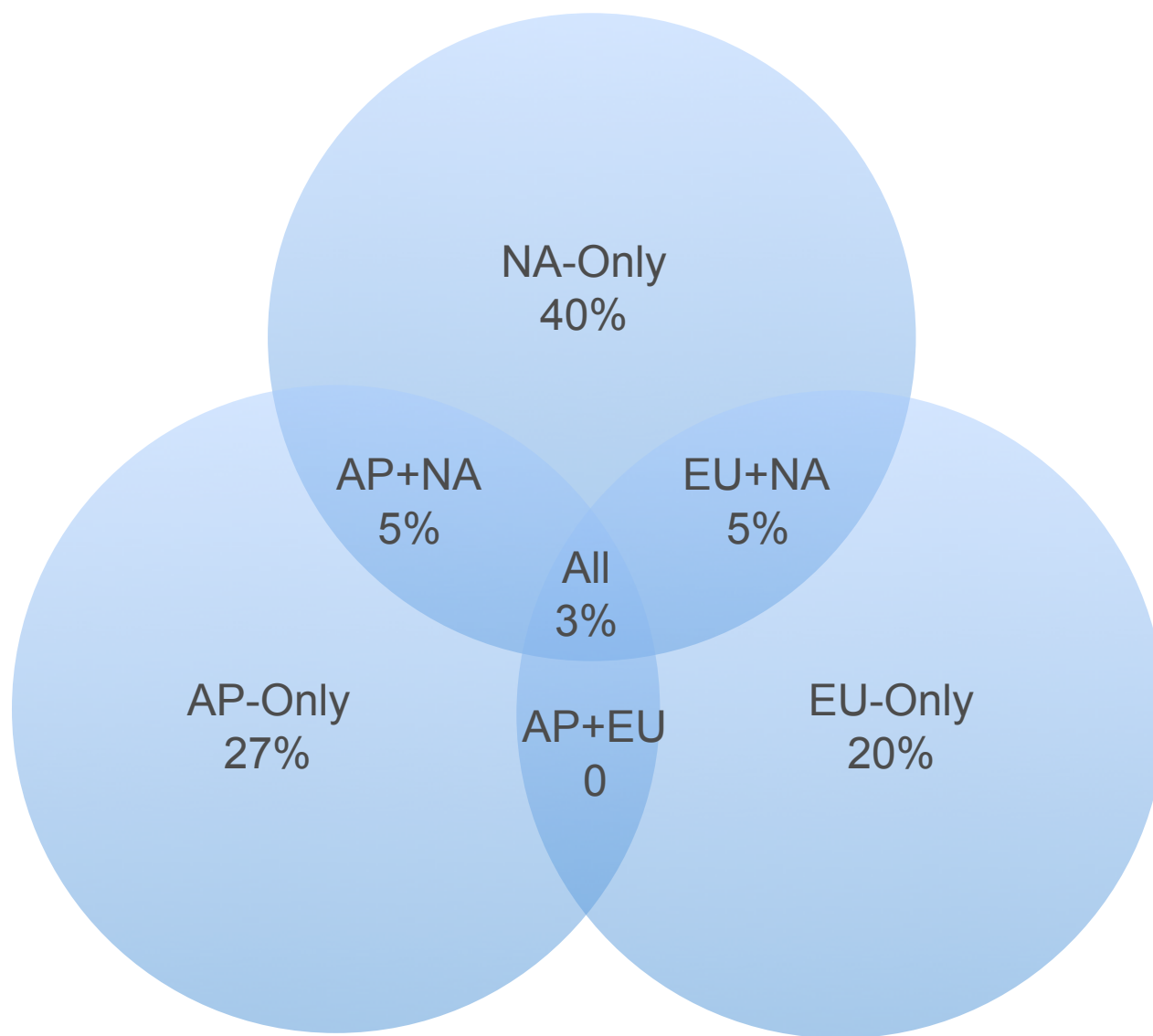 - Internal effort to resolve small differences, but policies are similar

Participant Overview

7/6/10   8/6/10   9/6/10   10/6/10   11/6/10   12/6/10

Growth of international IX participants over the past 6 months
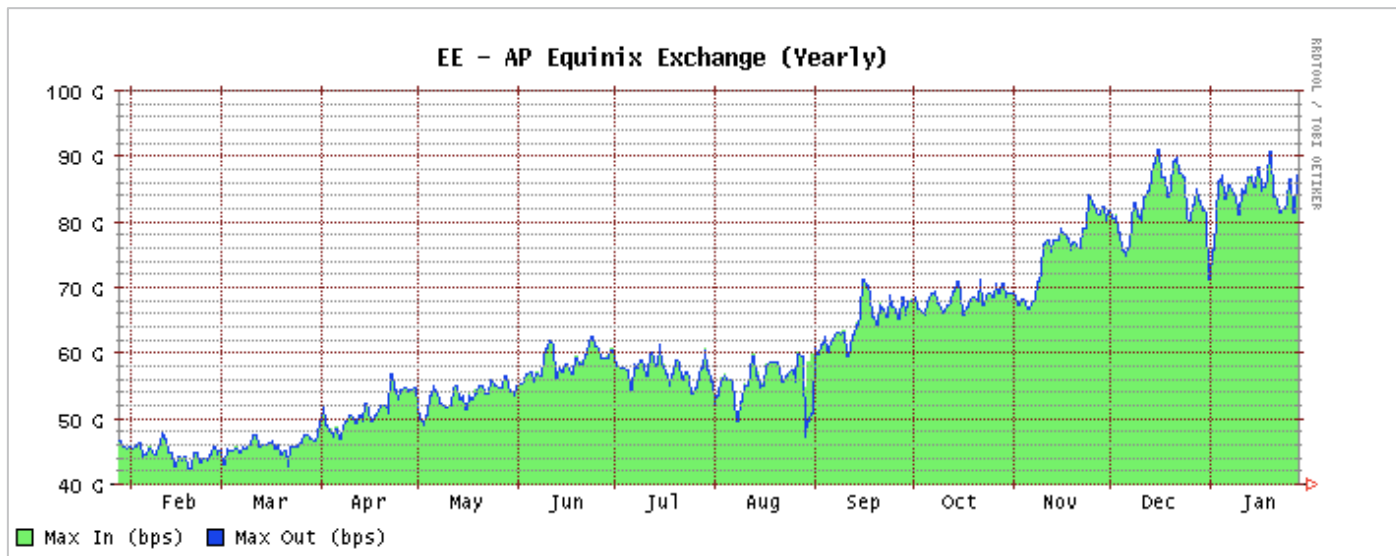 - Paris has shown considerable growth

~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

Stats

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

- 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