Euro-IX update

APNIC 21- IX SIG
Perth Australia

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What is Euro-IX?

- Euro-IX = European Internet Exchange Association

- Formed in May 2001

- Established with three main objectives in mind:
    1. To act as a portal for organizations looking to join an IXP
    2. To educate the general community
    3. To provide a platform for IXPs to exchange information and come together to resolve common industry related issues

- As Euro-IX evolved the last of the three objectives seemed to take priority

- As of the 1st of January 2005 our membership agreed to invited IXPs from around the world to join Euro-IX

- Euro-IX is **<u>NOT</u>** an Internet Exchange Point!
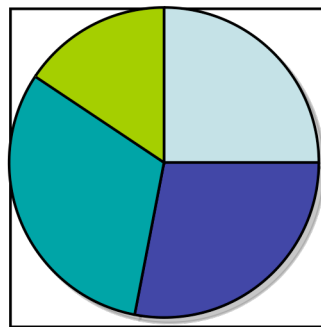
Some current statistics (1)

- 37 Affiliated IXPs in 23 countries on 3 continents

- Total aggregated peak traffic of European member IXPs is just over <u>500Gbps</u> and rising
  - was 272Gbps February 2005 (84% increase in 12 months)
  - 7.2% increase in traffic over last month
  - 'Average' European IXP peak traffic is 17.9Gbps
    (with one IXP now peaking at over 135Gbps)

- 16 European member IXPs are now offering 10GE port services

Some more statistics (2)

- Total membership customer base is 2.411 connectees with 1.426 unique ASNs

- Average of 260Mbps peak traffic per customer

- Average cost for a 1GE port in Europe is:
  850 EUR / 1.350 AU$ / 1.000 US$ per month
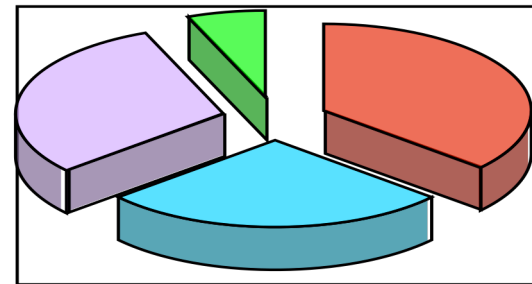 (this is exclusive of housing and transit costs)

Make up of our membership
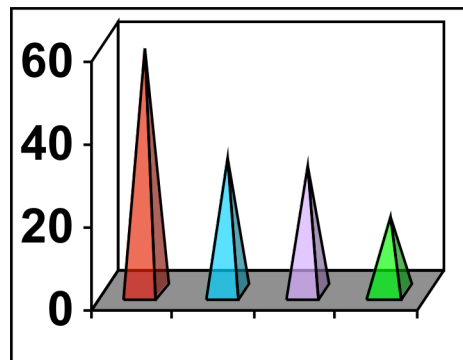
IXP Size (Traffic/Customers)

IXP Age (Establishment date)

- Small
- Medium
- Large
- V Large

- '00 - 02
- '97 - '99
- '94 - '96
- 1993

IXP Switching fabric

- Cisco
- Extreme
- Foundry
- Other

Other variants ….

- Financial models
(79% Non for profit)
- Topologies
- Customer base

Euro-IX offers its members (1)

- Website listing
- Mailing lists
- Virtual Working Groups
- Online conferencing facilities
- Representation at meetings around the world
- Public affair updates
- Biannual two day meetings known as the *Euro-IX Forums* where more than 30 IXPs come together to discuss a wide range of IXP specific topics.

Euro-IX offers its members (2)

- Benchmarking club
  - Newly introduced initiative to allow members to compare certain performance aspects of their IXPs

- A number of information repositories:
  - Member developed network monitoring tools
  - Maintenance diary
  - Euro-IX Switch DB
  - Euro-IX Staff eXchange DB

Euro-IX in 2006

- 8th Euro-IX Forum in Dublin, Ireland
  8 - 9 May 2006

- Taking a more active role in public affairs

- Looking to expand our membership!!

- Investigating further ways of collaborating
  with IXPs around the globe!!

Joining Euro-IX

- – If you are a representative of an IXP or if you are a customer of an IXP who believes that your IXP should join Euro-IX..
- – Please contact me, Serge Radovcic serge@euro-ix.net
- – Or take a look at our website:

  http://www.euro-ix.net/ixp/joining/

Any questions?

http://www.euro-ix.net/

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