Euro-IX update

EIX WG

RIPE 56

Berlin

Germany

May 2008

RIPE 56 - EIX WG
Berlin Germany

Euro-IX update

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What is Euro-IX?

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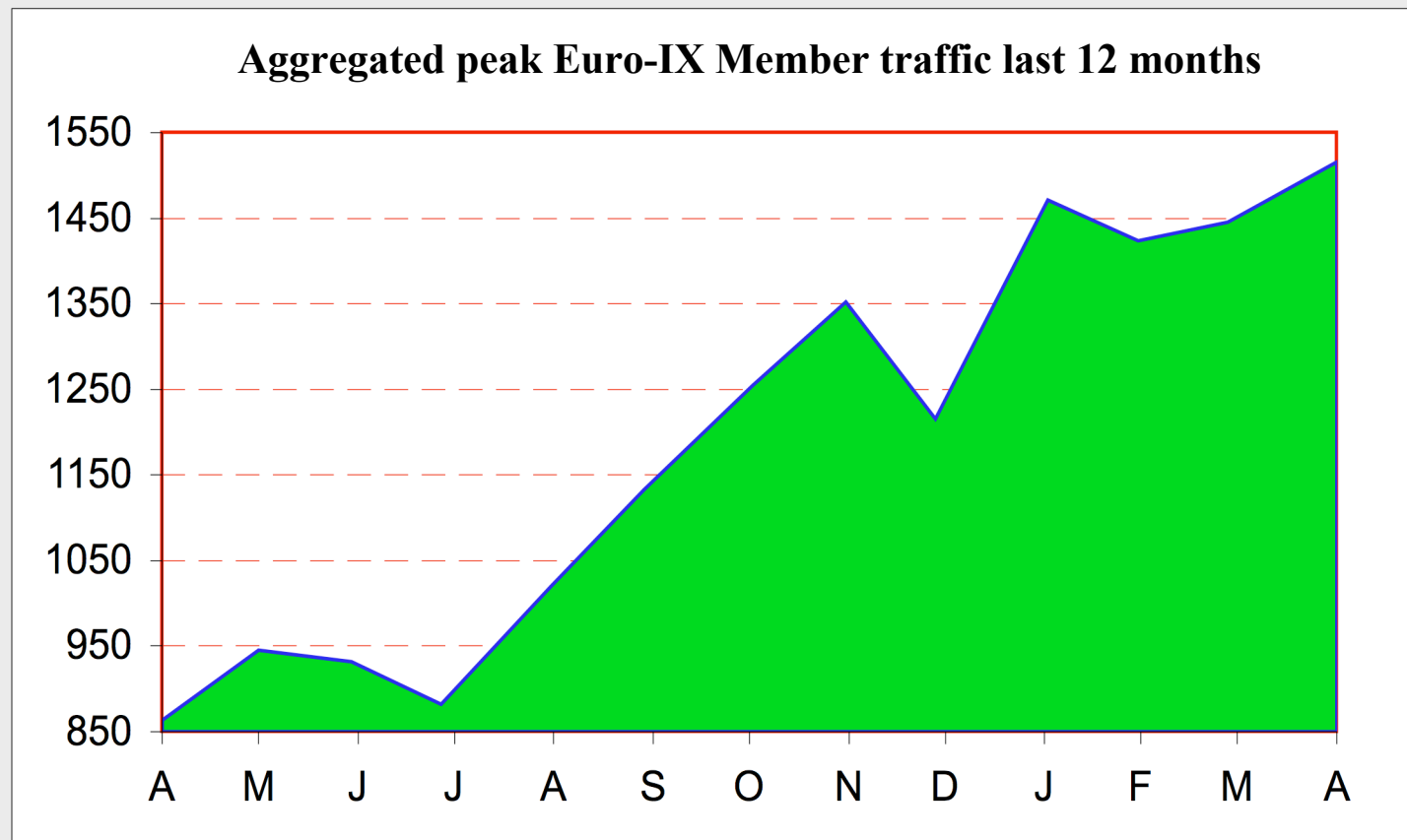
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- **European Internet Exchange Association**

- Formed in May 2001

- The association's aim is to further develop, strengthen and improve the Internet Exchange Point (IXP) community.

- Since January 2005 Euro-IX has invited IXPs outside of Europe to join the association

- Euro-IX is **NOT** an Internet Exchange Point

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Current Euro-IX affiliates

- ## 43 affiliated IXPs:

  - ### Europe: 36
    - From 25 different countries
    - Latest members: <u>CIX (Croatia) & InterLAN IX (Romania)</u>

  - ### Asia: 4
    - BBIX, JPNAP and JPIX in Japan
    - <u>NPIX - Nepal Internet Exchange</u>

  - ### U.S.A: 3
    - Any2 Exchange, Switch and Data & Terremark

- ## 4 affiliated patrons:
  - Cisco Systems   - Force10 Networks
 - Foundry Networks   - Glimmerglass

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Euro-IX Member IXP traffic

- Combined European **Euro-IX member** IXP peak traffic has risen from:
  - **1255 Gbps** end Oct '07 to **1516 Gbps** at the end of April '08.
  - 261 Gbps or 21% increase since RIPE 55 (Amsterdam)
  - 75% increase in peak traffic over last 12 months

Aggregated peak Euro-IX Member traffic last 12 months

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European IXP traffic

- Total estimated peak IXP traffic as of end April 2008 is **1.745 Tbps**

European IXP traffic growth last 12 months

Legend: ■ Total Estimated in Europe ■ European IXPs with public stats ■ Euro-IX IXPs
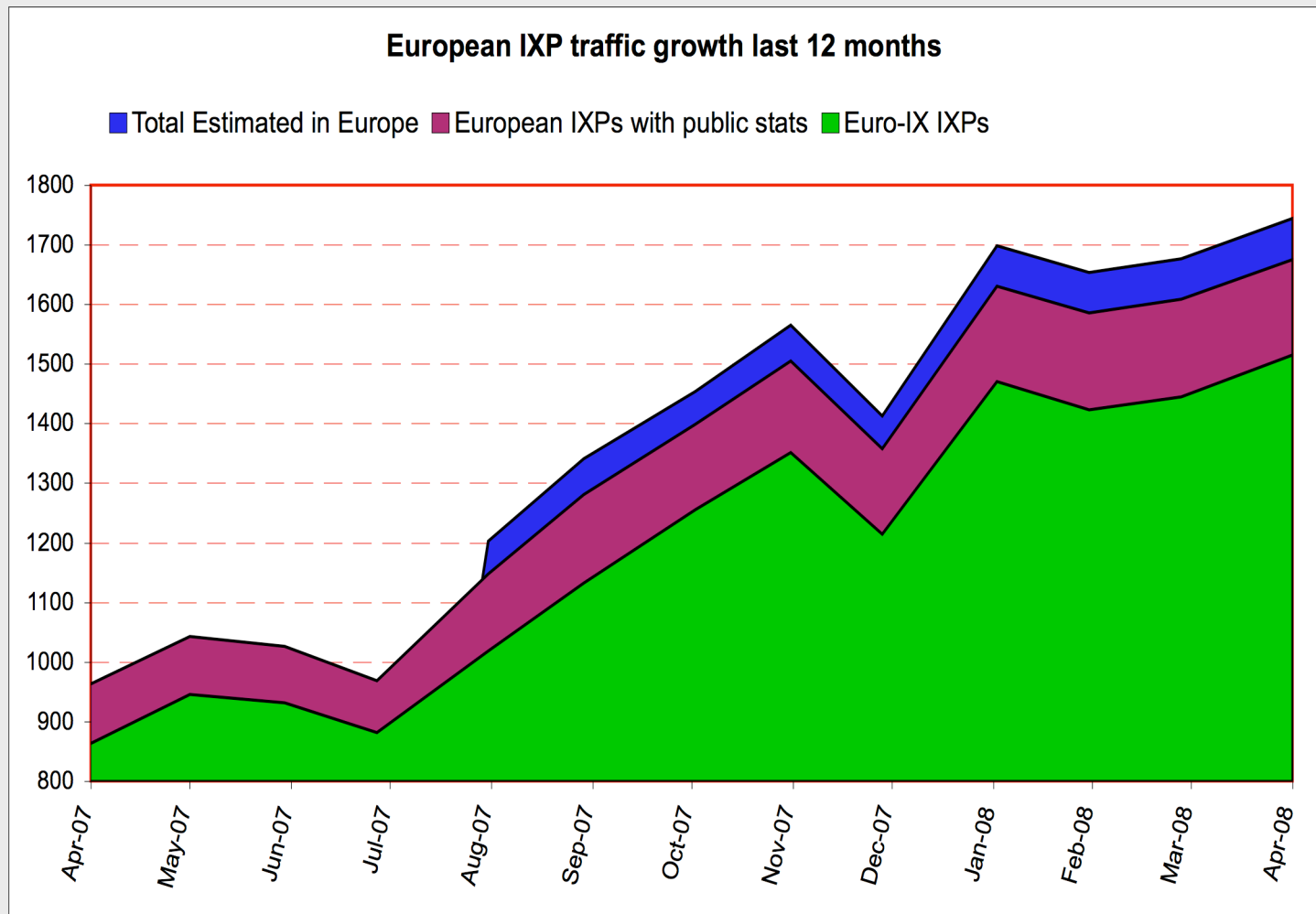
2007/2008 regional IXP traffic trends

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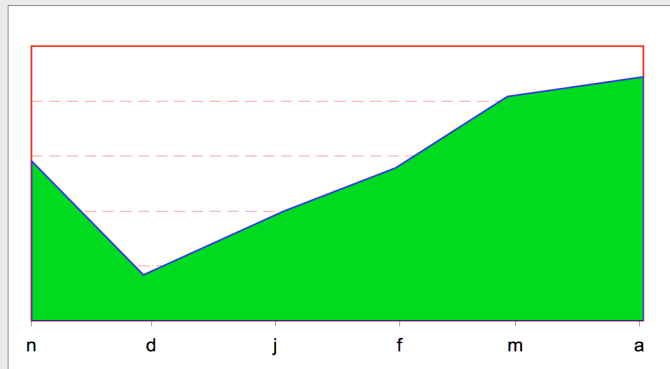
ASIA

• **Since end Nov '07 = ↑ 3.7%**

• **August to September = ↑ 0.84%**
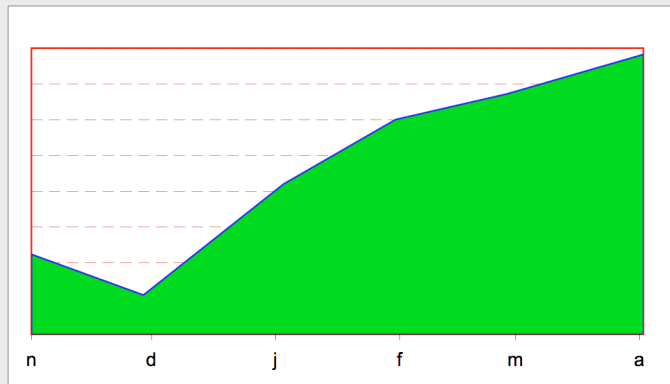
U.S.A.

• **Since end Nov '07 = ↑ 28.7%**

• **March to April = ↑ 3.6%**
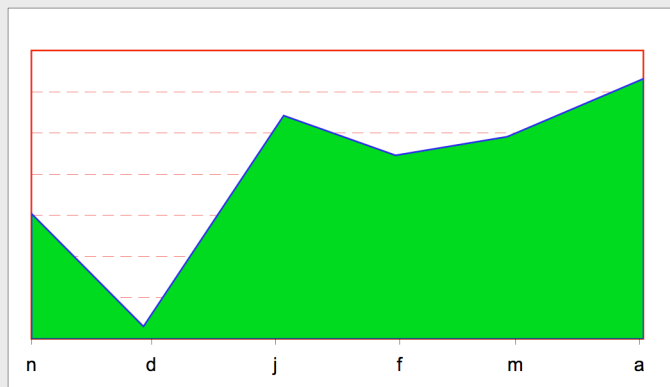
Europe

• **Since end Nov '07 = ↑ 12.1%**

• **March to April = ↑ 4.9%**

European IXP participants

- **4161 IXP participants** in Europe

  - **2204 unique ASNs** peering in Europe

  - 614 ASNs peer at more than one IXP
  - **17 ASNs** peer at **10 or more** European IXPs
    - Seven of these peer at more than 15 IXPs
    - **One ASN** peers **at 20 European IXPs**

  - **Average** of about **40 participants per IXP**
  - Average of **420Mbps per participant**
  - Average of **790Mbps per unique ASN**

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Euro-IX public resources

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

- Comprehensive list of European IXPs

  .

- Access to the Euro-IX ASN database

- Euro-IX Reports on European IXPs

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Euro-IX Forums

These are our biannual two day meetings.

• The *12th Euro-IX Forum* was held last April in Stockholm and some **36 IXPs** attended the meeting!

• The *13th Euro-IX Forum* is to be held in **Geneva Switzerland on the 10th & 11th of November 2008**. The meeting will be hosted by **CIXP.**

Joining Euro-IX

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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/

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Any Questions?

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

info@euro-ix.net