DE-CIX
Deutscher Commercial Internet Exchange

NANOG IX UPDATE:

DE-CIX Internet Exchange
Frankfurt/Germany

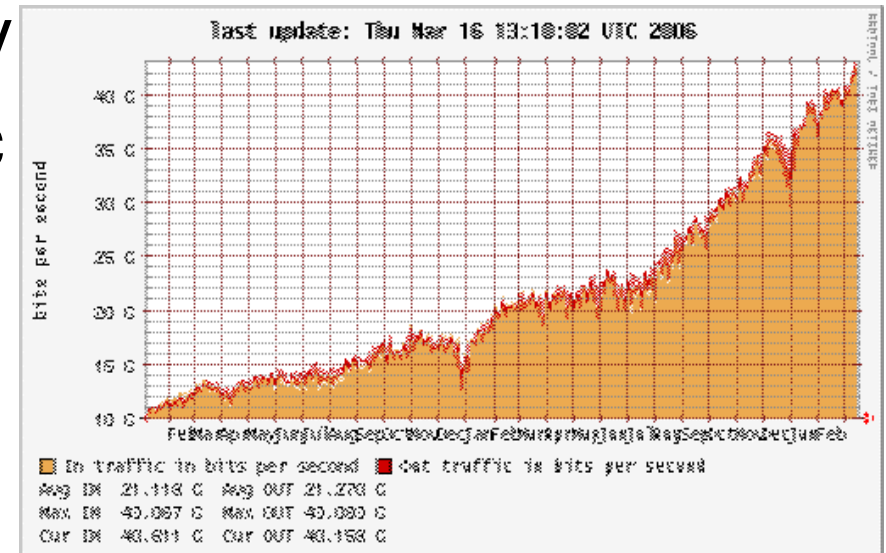*„Your Gateway to Central and Eastern Europe"*

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Description

-   Based in Frankfurt/Germany
-   Founded by 3 ISP's 10 yrs ago
-   Owned by a non-profit industry association
-   Now one of the Top 3 IX's in Europe
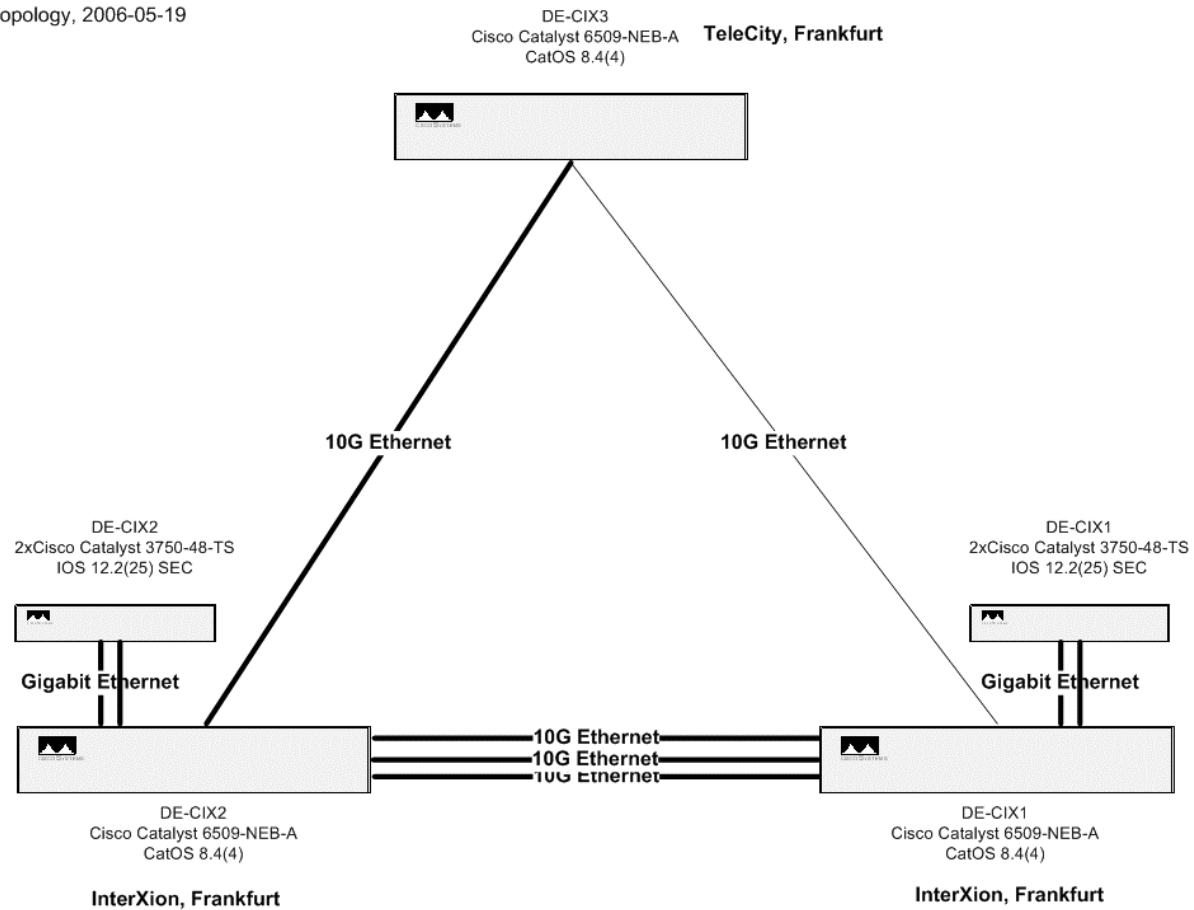-   Biggest Exchange for Central and Eastern Europe

Status

- – 176 Providers
- – 271 Ports
- – 327 Gbps connected capacity
- – 215 Gbps PI capacity
- – 61 Gbps Peak Traffic
- – 3 sites

„Your Gateway to Central and Eastern Europe"

Topology

DE-CIX Topology, 2006-05-19

DE-CIX3
Cisco Catalyst 6509-NEB-A
CatOS 8.4(4)   **TeleCity, Frankfurt**

10G Ethernet   **10G Ethernet**

DE-CIX2
2xCisco Catalyst 3750-48-TS
IOS 12.2(25) SEC

DE-CIX1
2xCisco Catalyst 3750-48-TS
IOS 12.2(25) SEC

Gigabit Ethernet   **Gigabit Ethernet**

10G Ethernet
10G Ethernet
10G Ethernet

DE-CIX2
Cisco Catalyst 6509-NEB-A
CatOS 8.4(4)

DE-CIX1
Cisco Catalyst 6509-NEB-A
CatOS 8.4(4)

InterXion, Frankfurt   **InterXion, Frankfurt**

„Your Gateway to Central and Eastern Europe"

mid and long term challenges

– Growing demand for 10GE ports

– Current Cisco 6509/Sup720 plattform only supports 4x10GE per interface card

– Looking for rock solid boxes that support 50+ 10GE interfaces per box

mid and long term challenges ctd

- – Currently the colo provider we work with builds Point2Point Fiber connections

- – So far DE-CIX provided 600+ PNI's

- – Ducts are almost full – note to yourself: Stop doing that

- – The solution of choice is to dig another time but also to use automatic fibre management like Fiberzone's boxes. DWDM is still not cost effective

Community Projects (Ex.)

–   openBGPD Route Server Project together with CCC in Hamburg

–   Goal is to have an alternative to Quagga and to build a „real" route server

–   Many of our customers rely on our route servers.

Goals 2006

- Connect 20+ unique ASN's from Eastern Europe
- Grow no of participants to 200 by EOY
- Target new customers from other sectors
- Establish „DE-CIX enabled" program
- Establish and support new community projects

News

– New Office, Competence Center

– Hired additional staff

– Expand IX reach

DE-CIX Competence Center

Events

- – 4th Technical Meeting of DE-CIX, April
- – Launch of DE-CIX Competence Center, April
- – DE-CIX Peering Workshop, May

- – 10 (11) Years DE-CIX Anniversary Party, Oct
- – Host of Euro-IX, October
- – Global Peering Forum – EU edition, November
- – Mostlikely Host of RIPE 2008

Thanks !

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