Powered by

INXS - a brief history

- **INXS = IN**ternet e**X**change **S**ervice
- **neutral exchange point**
- **established in 1994 in Munich**
- **oldest exchange point in Germany**
- **used to be "member organized" (1997-2000)**
- **now fully operated by Cable&Wireless**
- **currently 38 members in Munich**

INXS - a neutral IXP

- **Open House Policy**
  - no restrictions to carriers
  - all circuits terminate in separate carrier room
  - patching done by C&W staff
  - ISPs are free to make INXS their point of presence connected ISPs can buy and sell traffic
  - private interconnects are allowed
  - patching is done by C&W staff

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Recent Members

- **F-root server**

- **Akamai**

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INXS - Joining Requirements

- **Autonomous System Number assigned by a Regional Internet Registry**

- **Local Internet Registry**

- **members are required to house a router at INXS**

- **switches or LAN links are not allowed**

- **no obligation to peer**

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INXS - Services

- **Housing**
  - rack space of 4 units for each member
  - pricing   4 units: 255 euro/month excl. VAT
                     21 units: 510 euro/month
                     42 units: 1020 euro/month

  - initial setup: 255 euro
  - 10M/100M/1000M in operation
  - port fee for 10M/100M: 230 euro/month excl. VAT
  - port fee for 1000M: 380 euro/month

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INXS - multicast

- only for regular INXS members
- same rules apply as on the Unicast Exchange
- native Multicast exchange via PIM-SM / MBGP / MSDP
- ip's out of 194.112.112/24
- via dedicated VLAN
- in operation since October 2000

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INXS - IPv6

- **only for regular INXS members**
- **in operation since September 2000**
- **In 9/2004 renumbered from C&W IPv6 space to dedicated address space**

  Munich (unicast): `2001:7f8:2c:1000::/64`

  Munich (mcast): `2001:7f8:2c:2000::/64`

  Hamburg (ucast): `2001:7f8:2b:1000::/64`

  Hamburg(mcast): `2001:7f8:2b:2000::/64`

- **14 participants**

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INXS - Contact Information

- **Webserver**
  - www.inxs.de
- **Mail**
  - info@inxs.de
- **Phone**
  - +49 89 92699-111

- **me: mcd@cw.net**
  - Martin Mc Dermott

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