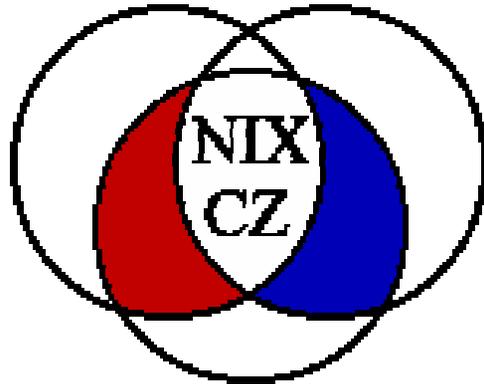
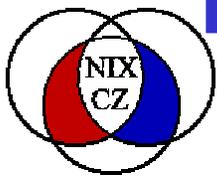


NIX.CZ



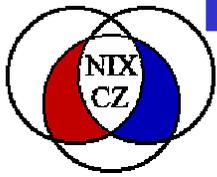
**Neutral Internet eXchange
Prague
Czech Republic**

September 3rd, 2003 RIPE46 Amsterdam



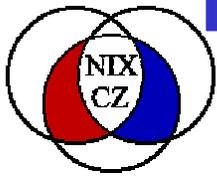
Status 3rd Sept 2003

- Total:
 - 39 members
 - 3 customers
 - other new 2 in voting/acceptance process....
- Members and customers:
 - have the same tech. and price conditions
 - members must be local legal entity, can vote



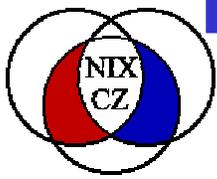
Fee expectations for 2004

- Prices will be agreed on General Meeting in November
- Setup 1520 EUR
- Monthly basic: 190 EUR
- + monthly per 100 Mbps port: 90 EUR
- + monthly per 1 Gbps port: 310 EUR



Technology

- Pure Cisco 6006 / 6500 backbone
 - And spare boxes for case of failure
- Finally removed desktop switches (Cisco 35xx, 29xx)
- Own LAB with Cisco 6000s and some 7206 routers
 - available to all members



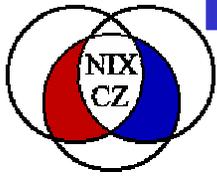
Operation

- 4 PoPs running
- Current utilization: peaks around 1.7 Gbps
- 5 members do IPv6 peering
- NIX wants to have public servers (web, mail, intranet) on IPv6 network
 - How to ?
 - Current IPv6 IXP /48 prefix should not be routed to the Internet (according to the policy)
 - Should we depend on some ISP ?



Development

- Traffic analyzer
 - We have !
 - Done as diploma thesis at the Charles University
 - We did some short-time measurements (by hand)
 - Very surprised by the results: a lot of unwanted traffic, most of it caused by misconfiguration at members sides
 - Planning powerful servers for all-time online operation
- Preparing 2 Cisco routers (HSRP) instead of Linux routers for NIX own AS with mail/web/intranet servers



Contact

- www.nix.cz
 - info@nix.cz
 - Mr. Tomas Marsalek, director
-
- Presented by: Josef Chomyn, chairman of board
josef.chomyn@nix.cz