

TSAC Minutes **June 28, 2005**

Present: Ken Fansler, Rudy Radosevich, Carla Birckelbaw, Eric Hodges, Eric Yeager, Jeff Grabb, Krena Hoyt, Scott Genung, Shirley Murphy, and Tom Heintzman

Absent: Pete Juvinal, Steve Coan, Kate Plantholt, Jason Tucholke, and Owen Williams

Agenda:

1. Fast ethernet migration plan (Genung)
 - STP cabling
 - 1G for servers
 - questions about NDT
 - beyond
2. WINS & ISUNET removal
3. Upcoming TTUG events
4. Tech Time

1. Fast Ethernet Migration Plan (Genung)

Genung explained that a Shielded Twist Pair (STP) Engineering Study done two years ago showed a cost of \$7-12 million for campus. The cost has caused Telecommunications to look for alternative approaches to replacement and they are rethinking STP. A trail of 50 jacks was held, and data rates were approximately the same with no statistical difference on throughput. They intend to continue this trail across campus, moving toward full implementation of fast Ethernet. Error rates will be tracked, and they will back off if they are high. Any speed negotiation issues related to fast Ethernet appear to be independent of media, and dependent upon the switch and device's NIC.

Telecommunications is also measuring the impact of gigabit connectivity for servers, and strongly suggests moving servers to gig. It is only available over unshielded twisted pair.

Genung also asked if there were any questions about NDT – there were none – and announced that the Verizon ISP contract expired last Fall. Telecommunications has negotiated a move from 45 MB to 87 MB from Level 3, and a new 100 MB line from Verizon (to be installed in August).

The future for connectivity includes possibilities such as gigabit connectivity to the desktop, 10 f for servers, CAT-6 cabling, and copper. Telecommunications is focusing on getting the most we can out of the network wiring infrastructure we currently have and hoping for more funding for the future.

2: WINS and ISUNET removal (Heintzman)

Heintzman reminded the group the old WINS server and ISUNET domain will be retired at the end of July. As of July 29th, the following WINS addresses will no longer resolve: 138.87... 4.238, 4.239, 110.239, 111.239, 112.239, and 68.239. Specific WINS addresses for specific locations on campus are available at the updated

WINS map at http://www.ciss.ilstu.edu/electools/docs/WINS_DNS.pdf. Machines utilizing DHCP will rollover automatically.

Heintzman also reminded TSAC of the scheduled AD upgrade to take place 7/9-7/10.

3. Upcoming TTUG events (Birckelbaw)

Birckelbaw asked for ideas/volunteers for future TTUG Training sessions. WSUS was mentioned as a possibility for 7/27, with Pete Juvinal presenting. A TTUG Social event was tentatively scheduled for August, and the TTUG General Session will take place in late July/early August for the Summer 2005 session.

4. Tech Time

- Birckelbaw – the TSAC Co-Chair election begins now, and nominees should be sent directly to her through the end of the week
- Birckelbaw – thanked Shirley Murphy for her year of service as TSAC Member at Large. Shirley's term ends 6/30/05.
- Fansler – COE has a new Interim Dean (Deb Curtis). They are still searching for two Associate Dean positions.
- Question asked regarding whether Eudora would be on the 2005 I-Tools CD. Birckelbaw responded that it would not, and that Mozilla Firefox and Thunderbird would be. There is no mandate for units to migrate to Thunderbird, but if looking for a change and/or it's a good time to migrate, it's a good idea to go ahead and do so.