

## **TSAC Minutes** **September 27, 2005**

**Present:** Carla Birckelbaw, Steve Coan, Ken Fansler, Scott Genung, Jeff Grabb, Tom Heintzman, Krena Hoyt, Pete Juvinall, Kate Plantholt, Dean Plumadore, Dudley Roach (for Eric Hodges), JasonTucholke, Owen Williams, and Eric Yeager

**Absent:** Rudy Radosevich

### **Agenda:**

1. Feedback assignment from the CTPPC
2. TTUG Training
3. Networking Topics - we will hit as many of these as time allows (Genung)
  - \* Fast Ethernet migration
  - \* Status of implementation of security plan
    - o vLan restructuring
  - \* Wireless Guest access
    - o status of testing
    - o rollout plans
    - o restrictions
  - \* QoS, revised policies for fall
  - \* Phaseout of dWEP and introduction of 802.11i with AES
  - \* Wireless & VPN authentication
4. Tech Time

### **1. Feedback assignment from the CTPPC**

TSAC members were asked to meet with their technical staff and report back on the top ten areas of concern for technology from the tech support view. This list of ideas may (should) be different than the concerns listed by other constituency groups in your support area. Send your list to [tsac@ilstu.edu](mailto:tsac@ilstu.edu) and Fansler and Birckelbaw will compile a document for TSAC. TSAC's written response is due Oct 21, 2005. There will be an announcement on NETALERT-L so that TTUG members are aware they should provide feedback. Some ideas that were discussed included funding for smart classrooms, additional wireless access, and additional tech training. Juvinall expressed concern that proper attention to departmental needs might get lost in a campus-wide top ten list. There are niche needs as well as centralized needs.

### **2. TTUG Training**

November training topics were discussed. Fansler suggested Mac and Active Directory integration. Plumadore suggested content management and portal software. Various units are using Mambo, DotNetNuke, Microsoft Sharepoint services, WordPress, Drupal etc. Plumadore and Williams volunteered to find presenters for the various products for the November training session.

### **3. Networking Topics (Genung)**

- **Fast Ethernet migration**

70% of the migration is complete. 15,000 jacks have been converted since July. Problems have been due to bad patch cables. Most problems have been with Type 1 jacks (jacks that didn't have a balun installed when the conversion took place). There have been some problems with duplex mismatches. If you remove a balun from a Type 1 port it can cause problems and the port may get shut down. You will need to contact the Help Desk to reactivate it.

New buildings will get Cat 6 cabling. You will need to buy new cables for Cat 6. 10GB over copper will begin testing during Summer 2006.

- **Status of implementation of security plan**

23 buildings have completed vLAN restructuring. If you use Ghost with a floppy, you will need to make sure your Ghost disks use DHCP (no more static IP's). H323 video conferencing cannot be dialed into, the user can dial out. Polycom testing continues. Telecommunications is looking for feedback regarding zone-based firewalling. Genung will send out a template.

- **Wireless Guest access**

New arrangement will allow multiple SSID's to be broadcast. Guest users will be able to access public web services on campus— NO campus vpn. Guests will be able to VPN to services off-campus. Telecommunications hopes to have a pilot ready for Spring 2006.

- **QoS, revised policies for fall**

As of Sept 3 some of the QoS policies have changed. Gaming has moved from Bronze level to Silver. Peer to Peer settings in the Bronze level have increased from 5% to 10% at night. This allows legal forms of music downloading to increase.

- **Phase-out of dWEP and introduction of 802.11i with AES**

Telecommunications would like to phase out dWEP (dynamic WEP) with the introduction of 802.11i with AES (advanced encryption services). Right now WPA, dWEP, and 802.11i cannot co-exist. They can only have 2 of 3 services. Telecommunications hopes to remove dWEP by May or June of 2006. Grabb expressed concerns about Dell Latitude D600's. Genung explained that WPA is available on many network cards. Users may have chosen dWEP because it was available. Genung prefers WPA and 802.11i over dWEP. Handhelds don't have enough horsepower for some forms of encryption and will need to use WPA.

- **Wireless & VPN authentication**

There are currently 105 wireless coverage areas. Genung asked if there were any public areas that still need coverage. They aren't asking about departmental or college-specific areas, they are looking for public areas.

Authentication for VPN takes place via Active Directory, Telecommunications would like to moved that to LDAP authentication. This would eliminate the ability for departmental OU accounts to be used for VPN.

#### 4. Tech Time

- Genung - reminded everyone to fill out Help Desk tickets for all Telecom problems. A discussion followed of the limited usability of Magic Help Desk interface on Macs. This problem will not go away in the near future.
- Fansler - wondered why there wasn't an "All" message sent out via the campus paging server during the latest campus internet outage. Birckelbaw responded that there are problems with group pages and text messages being able to spam pagers. This security problem has not been solved, but is still in the project list.
- McAfee VirusScan 8's built-in firewall can block multicast. You will need to modify the firewall settings on machines that serve images via Symantec Ghost.
- Question on Meeting Maker's future led to announcement that the Council wants to see demos of Sun One and Exchange calendaring. The goal is to replace Meeting Maker at the end of FY07.
- Grabb - announced that Dustin Brown had been hired as a Tech Specialist at MCN.
- Juvinall - discussed the use of Dell's Open Manage Clients at COB. He uses it for inventory and managing hardware. The Open Manage client is based on the Altiris line of management software.