

November 7, 2007  
IT Managers Meeting  
HSEB Room 1750

## Minutes

### Pre-meeting Presentation: 12:15 - 12:45 pm

Sprint/NextStream - Rob Ayres

Rob Ayres presented on the Wireless Roadmap and other technology. Attendees received a color handout of the slides.

Question: Are their limitations to amount of data that can be used? Sprint doesn't have issues with a user using too much data on an unlimited account. Tethering - a Blackberry phone can be used as a modem. Other phones must be on a specific plan. In response to Sprint's question about the University's emergency plan, the EHS LAN admin says the campus has two-way radios, satellite phones, a campus plan for emergency.

(45-50 attended)

### Regular Meeting: 1:00 - 2:30 pm

#### I. IT Updates

- October ITC meeting summary - Jon Ross - see [slides](#)  
Minutes: [http://www.it.utah.edu/leadership/committees/ITC/minutes/itc\\_minutes\\_2007\\_10.pdf](http://www.it.utah.edu/leadership/committees/ITC/minutes/itc_minutes_2007_10.pdf)  
Materials: <http://www.it.utah.edu/leadership/committees/ITC/materials/ITC.Oct07.pdf>  
Agenda:
  - PRESIDENTS TASK FORCE ON CAMPUS SECURITY
  - FY08 STRATEGIC PLAN
  - TECHNICAL CLASSROOM VISION
  - EMAIL FOR OFFICIAL EMPLOYEE COMMUNICATIONS
  - COMMITTEE & TASK FORCE REPORTS
    - Distance Education Task Force
    - Workflow Committee
    - Policy Manual Redesign
    - Media-on-Demand.
  - ENTERPRISE PROJECTS
    - HR Request Form – Phil Johnson
    - One Card Upgrade
    - C\*Cure, Logiplex Replacement
    - ERICA Project Expansion
    - Maximus Facilities Management
  - CIO REPORT
- Faculty Computing Needs Survey reminder - Kevin Taylor  
The link is <https://vovici.com/wsb.dll/s/2679g2ce20> . If the survey questions don't lend themselves to your particular departmental/faculty situation, please submit any information you can by email to [mindy.tueller@utah.edu](mailto:mindy.tueller@utah.edu). This is to help with our upcoming request to the Legislature for more IT funding.

- Dec 5th holiday meeting: Willing to do a cool demo? Have a good idea for a fun presentation? Let a Board member know. We will be having our December meeting in the Panorama East room in the Union again.
- Identity Management Project - Caprice Post  
OIT is working on gathering information on how we use Identity information at The University of Utah. We are requesting additional input from Campus IT managers in two discussion sessions. OIT has met with the Ucard Office, ACS, Health Sciences, CHPC, and now wants to meet with you. The meetings should be recorded, and we will have the conference bridge up (7-0911).

November 13<sup>th</sup>: 10am-11am in the Dumke Conference room at EBC

The discussion topics will be:\* Authentication

- \* Authorization
- \* Auditing
- \* Provisioning / De-provisioning

November 19<sup>th</sup>: 10am-11am in the Dumke Conference room at EBC

The discussion topics will be:\* Directory (phonebook) Information

- \* Federations
- \* Workflow/Business Processes
- \* Access Tools and Policies.

## II. ISO Block

Updates - Steve Scott - see [slides](#)

- Board of Regent report: very high level, very few bad issues. It took 10 days for our audit due to the U of U's size. The issues that did come up: potential DoS via firewalls. FWSM deployment - not being used. Authentication with campus services. Knowing where sensitive data is, getting sign-off by the appropriate IT Resource Steward. There is a new Compliance Office - campus wide, includes HIPAA, under Chris Kidd. Ultimately, there will be better documentation, policies, best practices through this new office.
- VNC password issue - hacks yesterday.
- Tool of the Month: ISO Services Report: <http://flows.iso.utah.edu> - ISO sent out an email yesterday; many of you took a look. Suggestions? Email them to Steve. Hang: how do we let you know if a box is very sensitive to scans? Steve: HSC has a way to do that; we can implement that for everyone (through the Compliance Office).

Network Architecture discussion - Joe Breen (see slides at

[http://docs.google.com/Presentation?id=dfcwx3n8\\_0m58q36&invite=qhcq4s](http://docs.google.com/Presentation?id=dfcwx3n8_0m58q36&invite=qhcq4s) ) Looking at the overall campus network design to reduce duplication, streamline, controls in better places. A committee of OIT, ITS, CHPC to start looking at this. Services are lying at the edges - how to design with things like VoIP and IPTV in mind. Vendors want to know how we get things to the wallplate. We look like a community but we are also an enterprise; need to deal with both scenarios. Steve Scott and Jake Johansen will be talking about security zones in an open meeting. We're hoping to create standards for the networks, all the way to the wallplate. We need to know information all the way to the wall jack for upcoming applications like VoIP. Our network isn't just physically on the campus - on a ranch in Moab, cosmic ray hardware in Delta, collaborations with people all over the world. We need your input - on the OIT wiki at <http://wiki.it.utah.edu/confluence/x/WQIa> (requires a wiki account and uNID/password login) - in the IT Architecture space. Meetings are open - held every other Friday.

III. Apple - Dan Sinema, Apple Systems Engineer - see [slides](#) and see video for demo

Mac OS 10.5: Many changes are "below the hood" - nice for administrators and general usage. Better performance both in scheduling and network. Xgrid comes on every client - MPI 2.0 messaging. Unix certified now, both client and server. POSIX apps can be compiled now. Didn't "Apple-ize" it - your Sun knowledge should transfer easily. Python and Ruby gui-based apps. OS will now warn users after downloading executables, others. Service ACLs can be set to restrict certain users for SSH, etc. ACLs are exposed in the gui, can also be done at the command line. Developers can sign applications with public/private key so user can view it as signed. Open source calendar server. See [macforge.org](http://macforge.org) for calendar server info, uses CalDAV standard. Podcast technology - very cool. Boot camp goes final with Leopard. Drivers for Windows for a dual boot Windows / Mac on an Intel-based Mac. Dynamically partitions the hard drive. VPN and 802.1x is now set up in the control panel. Everything is scriptable. Local Netinfo db is gone. XML plist-based accounts are stored in a restricted area. Access through gui or command line (dscl). NSF mounts can also be done in gui or command line. System Image Utility is used with NetBoot NetInstall. IPFW for firewall. ZFS is in there - read only. If you want read-write it's at the developers' site. Sun just barely started booting on ZFS; Apple probably won't be doing this too soon. Andrew Reich: question about Time Machine and a Samba share? - Dan Sinema says it's looking for a volume on the desktop. Please report bugs. Date available at Software Licensing? Craig: soon - Margaret has ordered it. Update 11/19/07 - It's now available at OSL.

IV. CSBS application server - Demian Hanks - see [slides](#)

Asked SCAC for proof of concept \$\$ and got some CSBS \$ as well. CSBS needs graphics-intensive applications infrastructure. They settled on Citrix for test environment. There is a server on the edge monitoring utilization, and a trust relationship with campus Kerberos servers.

Lessons learned: the simpler the better if you want to test something like this; didn't play well with VMware implementation. Citrix doesn't have measures for right sizing. Some software licensing agreements can't be offered through a terminal server. The experiment uncovered a lot of surprises. Wanted to have it fully ready to roll by now but that didn't quite happen.

Next steps: plan to test Sun's SGD, and want to form a committee to determine cost effectiveness of application servers, using this case scenario to scale for broader implementation. Email Demian Hanks or Steve Jeffs if you're interested.

(63 attended)