

IT Managers Meeting  
June 4, 2008  
HSEB Room 1750

**Pre-meeting vendor presentation: 12:15 - 12:50 pm** (55 in attendance)

Mountain States / Cisco - Ryan Nelson, Jason ?

Note: Cisco is having a Tech Day next Tuesday at their Sandy location - 3 tracks with classes. Demos, presentations of new gear, very techy. Need you to register.

See [Slides](#)

**Regular meeting: 1:00 - 2:30 pm** (65 attended)

I. IT Updates

- A. June ITC agenda ([slides](#))
- B. IP Address Management Project status update - Andrew Reich  
Ran into some software bugs that put us a little behind schedule; vendor fix was install last week. Now importing data as planned. Moving forward with a pilot soon. Update at the Aug. mtg.
- C. UEN Strategic Plan - input requested - Dave Huth  
Yearly effort - reaching out to constituents and asking for input on what they want to see included. Example: U would benefit from more peer relationships with ISPs in the community; working from home on Comcast . . . network traffic hops all over the place before getting to the U. Would request UEN to work more closely with ISPs like Comcast for a more direct path. Ideas: please send them to Dave Huth and he'll send them on.
- D. insecure Wireless Network - Jon Ross ([slide #](#))  
The recent student wireless survey showed that users get confused because all our SSIDs aren't everywhere. Hotspot will be deployed all over campus at the end of summer; insecure is still being used in a few areas - is this necessary? Decommissioning it would reduce confusion to users. EBC and Business have it in use for a few wired ports; this will continue and isn't an issue. Huntsman Center for athletic events for press, if they can't connect to hotspot for some reason and the bandwidth load issue. Bryan: we may want to localize insecure for that building. Jon: if it's a legitimate use, we wouldn't shut it down. Please send Jon email if you are using insecure so we can figure out if there is an alternative.
- E. Annual Survey: we want your comments  
We take next month off, but before July we will send a link to our annual survey. We really want your input - the Board meets in July for several hours to discuss it and use it for planning the next year. The thing we've gotten out of past surveys is that you like the sense of community; good. We started the new quarterly workshops as a result of last year's survey.
- F. Big Buy - Cisco. Send your order to Bryan so he can order all by mid-July (just respond to his upcoming email).

II. HSC Updates - Phil Kimball - ITS Customer Service, Help Desk - [slides](#)

In support of the recent OIT/ITS consolidation of services, HSC IT Managers will be encouraged to start attending this meeting (and to reduce their total meeting count). This will be a new, brief block to give updates to that community. See slides.

III. IT Highlight of the Month: Law - Aaron Dewald - [slides](#)

Web 2.0: using iTunes U, DAN, Blog, CMS, Skype, iChat. Law has a young, forward thinking Dean and some consistent (if small) funding sources for IT. Aaron's slides summed up the challenges of IT depts on campus very succinctly. Kevin: there will be 40 screens attached to the DAN system coming on campus to display department

info, emergency info (when necessary).

### III. ISO - Dan Clawson - [slides](#)

- A. Please make sure your software is up to date on the Flash vulnerability. Firefox is an inherently better protected browser. Contact Dan offline if you have questions. OSL has products to handle this easily.
- B. Copyright complaints: we receive 4 types of notices. New procedures - the Compliance Office will be the main point of contact; we will also now inform the individual via email.
- C. Daily Top Talkers report - contact ISO if you don't get it and want it. (Need to be the POC for that network.) The report has gotten better: it summarizes the IP usage in assigned blocks; intranet data becomes internet data when it crosses any router (it was changed May 23rd).

### IV. QoS for Campus Network, VoIP/Video - Tim Urban - [slides](#)

Classification and Marking, Queueing - which kinds of traffic take priority, how to prioritize them.

### V. NOD32 Cemo - Trevor Long - [slides](#)

Anti-virus and Anti-spyware. NOD32 has only two processes when running vs. 6 - 8 on McAfee, Symantec, Trend. It's cheap - \$11 for either admin server or console for 2 years through OSL. Easy install, no known incompatibilities. For \$14 (for two years), you can now get the product with Firewall. Trevor doesn't know if the firewall supports IPv6 - doubts it. Bryce Fox says he only knows Vista Firewall that does. Speed issues? Trevor didn't see much issue with CPU usage while NOD32 was running. Trevor checked other antivirus software ratings; NOD32 typically came in at #2 (after Kaspersky (sp?)). Also, their online scanner works well and doesn't require you to buy the product to get the fix. College of Education has bought the product and is putting it on the lab computers. Kevin took a quick raise-of-hands poll on McAfee, Symantec, Trend users - says contracting for anti-virus is a major headache for OIT every year.

### VI. Backbone Committee update - Jake Johansen – see [slides](#)

Dan Hutten: this is a big project: how the campus network should look, should work.

Jake Johansen: Network Segregation is meant to make your lives easier. The goal is to meet your needs without compromising someone else's needs with regard to HIPAA, etc. The network is not meeting the (logical) needs of campus. This presentation is to gather consensus at the administration level; technical details will be worked out after we get the green light. The Backbone Committee has really come together and seen the value of this guiding plan for the future campus network. Now, they really want feedback. Jon: Business has similar VLANs in place for security. How do they map their VLANs to this plan? Jake: campus networks will span or be contained as appropriate. This plan should eliminate the physical, financial and other barriers. Andrew R: these zones won't necessarily require renumbering. These are more like rules. Jake: our last scan showed around 15,000 active IPs - in most cases, they sit behind one firewall, and groups who don't need to be there are suffering as a result. Trevor: if you have a group that has already tried to do this themselves (like with OIT's firewalls); how would that mesh? Jake: we will be using existing tools. The data stewards will classify the data, and there may be no or few changes. Feedback, questions: Email [netarch@lists.utah.edu](mailto:netarch@lists.utah.edu) and see the wiki page:

<https://wiki.it.utah.edu/confluence/display/Architecture/Consolidated+Backbone+Design>;

Dave Huth: Timeline: bits and pieces. By the end of the summer, this concept should be in some acceptable form. Then, the concept has to be "implementable." It's refreshing to hear that groups are already trying to do some of this themselves, especially since our backbone doesn't really allow this to be done easily right now. Another part of this architecture discussion that probably has a deadline before the technical part of network segregation: a discussion on access/building switches and a guideline or statement of what kinds of purchases to make to support QoS, network architecture standards, application standards, etc. That's the next effort and this will be escalated from there. The technical aspects will come a bit later (they aren't as pressing as the Best Practices for switches). Maybe September, October we can start looking at the technical pieces. Dan Hutten: when does it go to ITC?

Dave Huth: this will go to ITEC by the end of the summer. (ITEC is a group of IT leaders and data stewards that works to prioritize campus IT issues for the ITC.)