

Wireless Committee Meeting
February 28, 2007
650 Komas, Board Room (Rm 652)

Attendees: Andrew Goble, Corey Roach, Isaac, Hang Wong, Steve Adams, Larry Okun, Pieter Bowman, Nelson Beebe, Bryan Morris, Wes Tolma, Brad Hawks, ?, Demian Hanks, Jon Ross, Curtis Lawes, David Thurm, Mindy Tueller

1. Windows Vista Support Discussion

Official stance on Windows & Vista: none yet. This committee would be the genesis for that official support. The Secure W2 client for Vista is in beta. It seems a little hit and miss – some users can get the client to work. We are helping users, but “officially”, we aren’t supporting Vista until the Wireless Committee declares it. Is there an eta? Can some of the wireless out of the box with Vista work? The backend authentication can possibly be tweaked to run both client and built-in. Security requirement for username/password is okay – OIT Systems is encrypting those on the Radius server. Does the Committee want OIT to support PEAP? Legacy systems – departments will need to make sure their backends can support PEAP. Anyone authenticating in the main Radius mesh would only need OIT to support it. Should OIT report next month on status of PEAP? Yes, but we need information as soon as possible from Rob and Dave on what works, what doesn’t, as they determine this. Best efforts at this point. It’s going to be rocky for a while. It would be great to have both kinds of EAP running. Current wireless network doesn’t support Windows Vista although we are fast-tracking the PEAP solution. Will all Access Points (Trapeze, Foundry) pass either TTLS or PEAP indiscriminately? Yes. If a department’s Radius server doesn’t understand PEAP, it won’t work with the campus mesh. Radiator fix is easy (per Andrew); we will post it. Wireless Wiki idea? No forward movement. Hang can always host another one. Bryan will have something solid in a couple weeks; will report to the list. We will have something to report to ITAC for the March meeting.

2. Wireless Availability Information - Mindy Tueller

How to keep information up-to-date? Mindy will send out a spreadsheet (in .csv format) to the list and ask for updates once each quarter. Will include a column for an optional description (like “wireless only available on the 1st floor”). Campus Map has a wireless overlay (see www.map.utah.edu, click the Wireless box), but it can’t show if a building only has partial coverage; links back to the OIT wireless zone webpage where we will keep the extra information. Watch for the latest version of the spreadsheet to be sent again shortly for your extra details. Need to do a redirect on the old OIT wireless map page . . . some people still have it bookmarked.

3. Logging - ISO

Steve is out with snow-blindness; Corey will report. Finally have a log aggregator box in ISO. It collects syslog data from a variety of sources. Want a mandate from this group that if some level of criteria is met, you must send logs to the ISO box. This will then allow IT Managers to look up authentication data. Simply, we want to tie a human being to a MAC address and IP, whether it comes from a department or the campus Radius server. Most campus Radius servers are sending logs. Just need to work on tools to query it. Having everybody here send their logs would be awesome. If DHCP addresses are being issued – send those as well. Requests usually come fairly quickly (going back a day or so). How long should we be keeping authentication logs? No set campus policy – it ceases to be a problem if you ship them off to ISO. (6 years if you’re subject to HIPAA). Send email if you want to do it. golsys.iso.utah.edu is the box name. Can it support SSL tunnels? Not currently, but that’s a good idea. Going to a several terabyte array. Will have to normalize the data. Can we have a specific description on how to do it? Guidelines: if you are doing your own Radius authentication, send it. If you are issuing DHCP addresses, send it. This machine may be the one where a lot of data could reside for backup. Thinking about logging things like Tripwire logs. Want this Committee to say that anyone broadcasting uconnect, and doing their own Radius authentication, we **encourage** you to send your syslogs to ISO. If you are issuing DHCP addresses, send your syslogs to ISO. Policy comes from ITC. Just need some information on how to do it. Corey will let folks know about the encryption. Pilot it in this group initially.

4. Hotspot – we can drop it off wherever you want it. Call the CHD (581-4000 option 1) or send email to noc@utah.edu.

Next month: Demian wants to discuss authentication issues for Windows Mobile 5. Andrew says the PEAP stuff handles most mobile device issues. Our next meeting will be Wednesday, March 28th.