Subnet Managers Meeting

March 21, 2012

Spring time in the Rockies!
Agenda

- Windows/Exchange Update – J Volesky / J Huitt
- UTFAB – Jason Huitt
- Mobile Services – Randy Miotke
- RamCT Transition – Kevin Nolan
- Central Services Update – Scott Baily
- Purchasing – Farrah Bustamante
- Licensing – Diane Noren
- IS Update – Alan Hill
- Network Operations Center – Greg Redder
- Security – Steve Lovaas

3/21/2012
Windows/Exchange Update

• Exchange – Jason Huitt

• -RDP Vulnerability (along with Steve Lovaas)

• -Kiosks
UTFAB – Jason Huitt

- University Technology Fee Advisory Board
UTFAB Kiosks

• In Fall 2011, the UTFAB approved a project to replace the aging SunRay kiosk deployment
  – HP t5740e thin clients running Windows 7 Embedded
  – HP 20” LED LCD widescreen monitors

• Currently in the development phase – anticipated rollout beginning April-May 2012

• Depending on success of this rollout, additional locations may be considered in FY13
New Maintenance Arrangement

• UTFAB has funded a student employee to deploy and maintain the kiosks
• While the units will “live” in your areas, you will no longer be responsible for maintenance
• Contact us at kiosk@colostate.edu
  – Operational Issues
  – Hardware problems / replacement mice & keyboards
UTFAB Kiosks

• Questions for you:
  – Are there any issues with the current deployment that may not be addressed by simply replacing the existing SunRay units?
  – Is there demand for additional units today?
Kiosk Security

• Today the SunRay kiosks do not require authentication
  – This has been problematic for the LSC

• There is a desire to maintain on-campus web access for non-affiliated users

• Steve Lovaas potentially has a solution for this problem which will redirect users to an authentication web page when accessing web sites outside of 129.82.*.* using a product already in place in Housing called Safe*Connect
Mobile Services

• Randy Miotke
RamCT Blackboard Transition – Kevin Nolan

- Pilot – spring 2012

- Go live May 14, 2012
  - RamCT no longer used for teaching

- Updated help web site
- Training
  - Hands on, video, documentation
- Trusted sites, pop up blockers

- Java

3/21/2012
Central Services Update – Scott Baily

- Server & Storage Consolidation
- Distributed Development of Universal Applications

3/21/2012
Purchasing

- Farrah Bustamante
- Printer management outsourcing
- Cellular RFP
- PC/laptop RFP
Licensing – Diane Noren

• Annual License Renewals coming up
  – JMP & JMP Genomics
  – SAS Endnote
  – ESRI
  – Erdas
Licensing (con’t)

• Microsoft Campus Agreement
  – Working on getting Mark Bleakley out for a Licensing update.
  – Date to Be determined
  – Will need updated counts from everyone.

• Apple Apps developer Program
  – Set up for the University

3/21/2012
IS Update – Alan Hill

- HR update
- Web time clock
- Kuali update
- Server migration
- Banner update

3/21/2012
NOC
(Network Operations Center)
Greg Redder

• No time for pithy jokes...or traffic reports or building upgrade status or WiFi status or ....

• But if there was...I’d mention the following:
  - we did break 2.0G from the Internet
  - 1G upgrades: 555 S. Howes, Central Receiving, Path, UCA, MRB, Painter, LSC, Gibbons, Engr, Alder
  - Wireless: Weber, LSC! More IP space and better allocation!
  - Dual 10G to the Internet!
  - Internet Outages: 0
Agenda

• Network Operations Policy

• WiFi printers
Network Operations Policy

• Approved by ITEC.

• Deployed in two ways:
  1. CIC switches installed in MDFs or as part of 10G upgrades.
  2. “VOIP Certification” of a building.

• Collaboration between NOC and Network Managers
  – Design
  – Installation
  – Troubleshooting
  – Monitoring
WiFi printers

• Considerations:
  – Not really designed for enterprise use
    • Most are 2.4GHz only – this frequency is crowded already
    • Make “poor” channel choices like “2” or “4”!
      (Remember: only 1, 6 and 11 are valid.)
    • No authentication: Device passwords only and no pre-shared key support
    • No encryption
    • Run in ad-hoc mode (contradiction to Security Policy)
WiFi printers

• Possible solutions:
  – Wired printers
  – Share off a print server or wired computer
  – Other ideas?
Security – Steve Lovaas

• Remote Desktop vulnerability
• Password policy
• New firewall for E7
• NAC for some parts of campus network
• Symantec renewal
• Risk Assessment
• Secure remote network access (Cisco VPN, SSL gateway)