I found a parking space!
Must be summer.
Agenda

• Central Updates – Rusty Scott
• Information Systems Update – Josh Clark
• Office 365 – Lance Baatz
• Software Licenses – Diane Noren
• Security – Steve Lovaas
• Network Operations – Greg Redder

5/27/2016
Central Updates

Rusty Scott, ACNS

- Listserves -> lists.colostate.edu – 9/28/2016
- Employee LMS
- Lecture Capture update
- MS Azure
- AWS cloud services
- Larimer County Workforce internships – usually no cost to CSU
- ACNS website update

5/27/2016
ACNS Website

Academic Computing & Networking Services

I want to...
- Set up my eID
- Check my email
- Connect to Wireless
- Create a Mailing List
- Log-in to Canvas

Announcements
Now Hiring!
Kuali

• Database Migration
  – 6/4 and 6/5
  – KFS will not be available those 2 days.
Banner and ODS

• Database Migration
  – 6/18 and 6/19
  – Both systems will not be available those 2 days.
HR

• Database Migration
  – 6/25 and 6/26
  – HR will not be available for those 2 days.
DB Connections

– Users/Applications connecting **directly to ANY databases** will need to update their connections respective to the dates listed earlier.

– TNSNAMES.ORA files will be updated on the AAR website.

– Authenticate with eID and password
  
  [https://aar.is.colostate.edu/lan-managers-info.html](https://aar.is.colostate.edu/lan-managers-info.html)
  
  [https://aar.is.colostate.edu/secure/oracle/tnsnames.ora](https://aar.is.colostate.edu/secure/oracle/tnsnames.ora)

(Direct)
Less Boring/More Fun Stuff

AGILE DEVELOPMENT!
Agile Development

- Application
  - node.js
  - react.js
  - Java
Agile Development

• Integration
  – Message Broker (Camel/Stardust?)
  – JWT
  – Shibboleth
Kuali Use Case
Office 365 Updates

Lance Baatz, ACNS

• New “Set DL Send Restrictions” Tool Released to the Resource Coordinator Tools.

• Options:
  – Allow anyone to send to a DL (Default)
  – Limit sending to members of the group (Previously an option)
  – Limit sending to CSU Office 365 Users
  – Limit who can send (Set allowed list of users and groups)
Office 365 Updates

• OneDrive for Business News
  – New OneDrive for Business Client available for Mac and Windows
    • Improved performance
    • Removes 2GB max file and 20,000 file limit
    • Test before you roll it out to your users!

  – OneDrive for Business quotas to be increased to 5TB

5/27/2016
**Licensing**

**Microsoft**

• EES- Enrollment for Education Solutions
  – CSUs current subscription based model - Office 365
  – Renews June 30,
  – FTE counts staying the same
  – Must have Server or Visual Studio count updates by this Friday, May 27, 2016 at noon
Licensing

• Adobe Creative Cloud
  Device Licenses
  – If you are rebuilding Labs and renaming computers
    You must send an email to Diane.Noren@colostate.edu
    1. name of old computer – remove creative cloud
    2. name of new computer- Creative cloud is to be installed on
    - If the old computer is not removed from the portal you are taking someone else's license.

5/27/2016
RAMtech

• Apple
  – Additional $50.00 off personal sales
  – New 3D printers available

Questions?
Security Issues

Steve Lovaas
Duo: Two-Factor Authentication

• One more year of limited roll-out (500 users)
• Deploying for
  – eID Admin
  – ACNS
  – Facilities
  – PCI and other regulated cases

• Working on self-enrollment
Pulse Connect Secure and HTML5

- The end of plugins (including Java, ActiveX)
- Browser as your desktop
- RDP/SSH without downloading a client
- Win 10 with Edge, Chrome
- Adding features in next OS upgrade
- Limited testing group – talk to Steve
Enhanced Protected Mode

- Feature in Windows since Vista, growing
- Protects against cross-zone attacks
- In Win 8/10, sandbox
- Problem with *.colostate.edu in Trusted Sites
  - Cloud resources with linked/framed internal tools
  - Canvas (Internet zone) + Kennethware/LTI (Intranet or Trusted Sites zone)
  - Looking for the best approach
EPM Solution Options

• Put cloud resources in Trusted Sites
• Don’t put *.colostate.edu in Trusted Sites
• Don’t host add-on content for cloud resources in colostate.edu (choose another namespace)
• Do some sort of proxying/rewriting of outbound web traffic (perhaps a Cloud Access Broker)
• Discussion?
NOC
(Network Operations Center)
Greg Redder

- Wireless (of course!)
- Building update
- Switches, audits and more!
- VOIP
Wireless

Problem:

- ACNS Windows machines couldn't "roam" and maintain connection. Holding their last IP!

Solution:

- Registry setting (DisableDhcpMediaSense) had been set to ‘1’ to fix a separate issue and was included in the GPO update for the domain. This has now been set to ‘0’ to allow Windows to detect the media state change.
Wireless

- Minimum speed for Morgan 2.4 and 5GHz set to: 12Mbits/sec
Switches, audits and more

- 2-factor authentication pending
- MDF/IDF "audits" in progress:
Fiber damage

• No service outage, but lost one of our two Internet links on the BiState Optical Network (BiSON).
VOIP

• Recently completed VOIP install or nearing completion:
  – GSB, Glover

• Next up:
  – Engineering A-C

• Total phone count: 6450
  – about 1500 to go!
VOIP

• Presence status – not solid, hope to deploy widespread again after next major upgrade

• Next major upgrade: Ezuce->SipFoundry “Canary” – midsummer.
Thank you.

noc@colostate.edu