

Updates, Scott Baily

MDM

- MDM Committee did a thorough review
 - Thanks to Geoff Weatherford and CJ Keist for leading that effort, and to committee members
 - AirWatch's cloud based service was selected
 - Expecting licenses to cost \$13.55/device/year
 - AirWatch agreed to a 90-day license, ack'ing our end of FY
 - Working with them to place the initial order and get this going ASAP

ACNS' Recent External Review

- ACNS has participated in IT Reviews for Colleges and Divisions
- But never for ourselves – no time like the present!
- We engaged Kelly McDonald (BYU)
- Thanks to all who participated!
- Final report expected in a few weeks

Upcoming Vendor Presentations

- MS Azure4Research
 - 10-11 AM, Monday April 13, Morgan Event Hall
- Code42 (CrashPlan and SharePlan)
 - 10-11 AM, Tuesday April 14, LSC 376-378
- HP/Zunesis
 - 1-3 PM, Friday April 17, LSC 376-378
- Dell Server/Storage Roadmap
 - 10-11:30 AM, Tuesday April 21, LSC 322

Office 365 Migrations

- Done with Phase 1 (Lamar -> Central Exchange)
- Working on Phase2 (Lamar -> Office 365)
 - 500 down, 15K to go!
- Migrations grouped by Department
 - Thanks to central and distributed help desks for their support!

0365 Phase 3 (On-Prem -> Cloud)

- To begin this summer, after Spring grades, etc. all done
- Will group by department, moving users and resources together
 - Calendar sharing between environments does not work
 - Delegate access does not work when primary & delegate are not together
 - Need your help identifying who needs to be grouped to minimize this!
- Outlook clients will reconnect after the move (may require a restart)
- Mobile clients require reconfiguration (see help.mail.colostate.edu)

0365 Phase 3 (Cont'd)

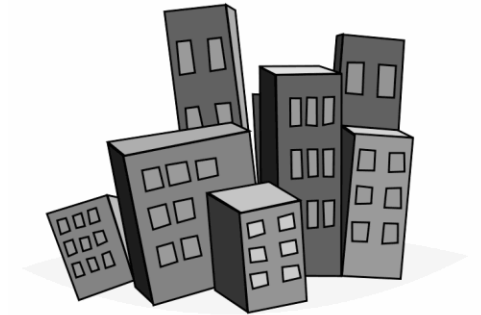
- Developing/testing our migration tools
- Talking to other schools who have conquered this beast
- Scheduling visits with lots of groups, fleshing out comm. plan
- Goal is to “rip the bandaid” over the summer
 - May spill somewhat into the fall
 - Again, we need your help and insights as to when to move (and when not)
- Do you have special concerns or use cases? Contact us ASAP!
- Much more to come...

Network Operations Center (NOC) Update

- Building updates
- IP restructuring, 10G updates, Jumbo Frames
- Wireless
- VOIP

Building Updates

“Schedule of Events”



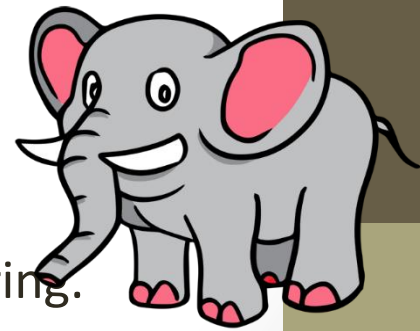
Building Name	
Plant Sciences	April 2015
A-Z	May 2015
Palmer Center	June 2015
Weber	July 2015
GSB	July 2015
Residence Halls	Summer 2015
Rockwell	September 2015
CEMML	October 2015
Yates	November 2015
ARBL	December 2015

IP Restructuring, 10G updates, Jumbo Frames

- IP space per building for: Public & Private IP Space, Utilities, VOIP, Wireless
- 10G:
 - Done: Animal Science, BSB, Clark-C, CS, Eddy, Morgan
 - Next up: LSC, NESB, NR, Plant Sci, Rockwell, Weber,

Jumbo Frames:

- ...as buildings get 10G links and undergo IP restructuring.



Wireless



SSID changes:

- Say “goodbye” to: csu-net, csu-net5 & csu!
- Now: *csu-eid*, *csu-guest* and *eduroam*

Upgrades:

- Only ~10 of the old Cisco APs remain.
- All GA classrooms upgraded to 802.11ac (Clark by end of FY15).
- Filling in 802.11AC in buildings with GA classrooms.
- Working on non-GA buildings.

VOIP

- VoIP System upgrade completed 03/15/2015
- Upcoming Features/Wish List
 - Multicast Paging (e.g. emergency alerts)
 - Push alerts to phones
 - Call Center (ACD)
 - User editable prompts for menus (Press 1 for...)
 - Group call out – NOC is piloting this

VOIP, cont'

- E911: Telecom now detects unauthorized phone moves and sends e-mail to phone “owner”.
- No building power = no network = no phone service during a power outage (in most areas)

Thank you!

Questions?