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 Phase 2 (Lamar -> Office 365)
  - 500 down, 15K to go!
- Migrations grouped by Department
  - Thanks to central and distributed help desks for their support!
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)
O365 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”

<table>
<thead>
<tr>
<th>Building Name</th>
<th>Schedule</th>
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<tbody>
<tr>
<td>Plant Sciences</td>
<td>April 2015</td>
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<tr>
<td>A-Z</td>
<td>May 2015</td>
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<tr>
<td>Palmer Center</td>
<td>June 2015</td>
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<tr>
<td>Weber</td>
<td>July 2015</td>
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<td>GSB</td>
<td>July 2015</td>
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<tr>
<td>Residence Halls</td>
<td>Summer 2015</td>
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<td>Rockwell</td>
<td>September 2015</td>
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<td>CEMML</td>
<td>October 2015</td>
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<tr>
<td>Yates</td>
<td>November 2015</td>
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<tr>
<td>ARBL</td>
<td>December 2015</td>
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</tbody>
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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?