

IAC Minutes
Friday, March 3, 2017
2:00-4:00 PM
Room 306-308 Lory Student Center

Attendees: Don Albrecht (ACNS/Library), Scott Baily (ACNS), Katie Banghart (ACNS), Jerry Becker (Registrar), Pat Burns (VPIT), Mike Brake (Student Achievement), Kelley Branson (Engineering), Bryan Carney (Advancement), James Cizek (ACNS), Jim Cox (CNS), Nick Cummings (HR), Steven Dove (BFS), Bob Engmark (IS), Bryan Gillispie (CLA), Darrin Goodman (Extension), Dave Hoffman (ACNS), Christa Johnson (Research Services), Steve Juarez (CSU Online), Steve Lovaas (ACNS), Neal Lujan (DSA), Jamie McCue (ACNS), Richie Nelsen (COB), Mike Olin (INTO), Ed Peyronnin (CAS), Greg Redder (ACNS), Kacie Reed (CVMBS), Joe Rymski (Web Communications), Gary Senseman (WCNR), Ron Splittgerber (Research Services), Eric Tisdale (CHHS), Dallace Unger (Facilities), Joe Volesky (ACNS)

- Introductions – all
- Approval of Minutes from 11/11/2016 (see <http://iac.colostate.edu>) - Baily
 - Approved unanimously
- Outside firms working on CSU websites hosted on campus – Baily
 - Concerns for the group: After initial development (by anyone, outside of CSU or otherwise) we often lose contact information for security concerns, etc.
 - Suggestions: develop framework, improve communication on procedure, and analyze current controls (waivers). Will revisit at a later IAC meeting with recommendations.
- Excel Energy PC power rebate offer (information item-this particular rebate is no longer available)- Baily
 - Rebates are still available for moving physical servers to virtual environment. Contact Stacey Baumgarn (Facilities) for assistance. Rebate will go to department if they paid for the server being virtualized, otherwise goes to Facilities to further energy saving projects.
- IS Updates - Engmark
 - HR SSO – Single-Sign On restored for HR system, working well, confident in sustainability
 - CampusM – New mobile platform from Ex Libris offers better integration with Library system for faculty and students as well as Ramweb and Ariesweb; no decrease in functionality. Plan to go live: July 2017
 - Time Clocks Plus – Nick Cummings - Pilot underway. Time clock and time reporting on schedule to go live in April. Leave management for all employees to go live in July.
 - iLabs - Automate lab management, IS working with Research Services and BFS. IS providing integration with KFS.
 - Banner Registration Upgrade – New registration module planned for late March, phasing in through April. Improve student interaction. Registrar and IS working together. Registration app for mobile devices should be available in late summer/fall.
 - Quali Student – Partner agreement with CSU system. CSU Pueblo implementing curriculum management module currently.
- Research Update – Christa Johnson

- RSSI - Research and Scholarly Success Initiative – Growth in reputation as institution for research. 1st phase: Restore basic infrastructure (campus renovations, research facilities, research administrative infrastructure including software, invest in core facilities, career and safety initiatives), 2nd phase: building a framework for success (start up packages, incentivizing faculty), 3rd phase: sustain growth over the long-term. 4 sources of potential funds. Launch in FY18. Inventory of need.
- Effort Certification – CSU is currently being audited by National Science Foundation (NSF), need to address now and improve. False claims and lack of timeliness can occur large fees. eCRT: electronic form, hopeful to go live in April, 6-9 month implementation, training offered, project based reporting rather than quarterly.
- Research Analytics Committee: Kualii Proposal Development Module, produce ad hoc reports to answer strategic questions about who CSU is in terms of research. Standard reports, centralized process, improve reporting tools. Task force in initial stages, will seek out stakeholders to meet with.
- Security Updates – Lovaas
 - Security committee: First meeting this week, academic and administrative units and Computer Science security research representatives. Vision: advisory (policy) and exploratory (evaluate new technology, pilot group, and seek input from departments).
 - Microsoft Versions: Vista end of support 4/11/17. Office 2007 end of support 10/10/17. Windows 7 support going away, extended support finished 1/1/2020; need to be moving to Windows10. Recommendation: If have previous version to Windows10: move to 10. Most new devices will only allow Windows10 upon purchase soon. Forced upgrades coming.
 - Two-Factor Authentication – Duo, rolling out slowly, substantial cost to go campus-wide, currently used on ACNS/NOC systems, PCI, eID Admin. Small groups using it now, more to come: Remote access via Pulse secure, still investigating integration with: Office 365 and Shibboleth (on-campus access). ACNS submitted an FY18 funding proposal to roll DUO out to all CSU employees.
 - Web Security: 3rd party vendor support, HTML security headers, WordPress: focusing on security functions, standards, best practices coming soon. SHA1 gone.
 - Remote Access Security: Minimize direct remote access, especially with root permissions, a risk even with encryption. Pulse gateway default choice.
- Data storage centralization – Baily
 - Insufficient funding to implement a cost-recovery activity - \$150k over current commitment for cost-recovery.
 - NSF DIBBS proposal submitted, but only 3 awards nationally so funding is unlikely. We should hear by August.
- CSU TEAMS proposal – Baily
 - Regional proposal, supports research community with data needs, funded 3 positions, 1 at each campus (CSU, CU and Utah). CSU position will be filled this spring, to focus on preservation.
- MS Azure Services – Baily
 - Draft document provided for input. Billing aspect complicated between CSU and Microsoft due to very different meanings for common terms (account, department,

etc.). Tertiary DNS services possible for redundancy/back-ups for central storage. Mark Garcia provided workshop previously and is happy to coordinate additional help or training. No progress on yet for Amazon's AWS. Azure is ready for use now; Azurehelp@colostate.edu goes to ACNS, send message w/ account number to charge, decide what services you would like.

- IT Consolidation Committee Phase III reports
 - Office 365 – Gillispie – High level of adoption for email and calendar. High interest (75%) to unify faculty/staff/students to one email account service at time of employment or enrollment; discuss if infrastructure is possible, give students a voice, go to UTFAB and CFT Committee with a proposal. Seek input from CTAC.
 - Data Center – Baily – Server room consolidation. 2017 Committee also met with Facilities Management Sustainability Team. Security concerns addressed, assessed scope via querying Property Accounting Database, survey sent out provided details about 12 server rooms. 44 data centers around campus, additional 30 single-server locations. Unique concerns: HIPPA, Computer Science, Weather and Climate research. Units that have moved to centralized data centers are generally happy.
 - MS Domains – Baily – 25 child domains under COLOSTATE. Users say multiple logins confusing and problematic. 2017 Committee seeing concerns w/ migration: loss of control/flexibility, cost, security, providing/revoking access for special apps is easier. Goal is not to collapse to 1 resource domain. ACAA: consider advancing central tools.
 - Help Desk – Nelsen – Help Desk software: identified help desk admins, survey to identify priorities, demo vendors brought to campus, recommendation will be given to consolidation committee soon.
 - Leave Reporting – Cummings – Time tracking/electronic time sheets. Main concerns: Managing off-campus work-study students supervisor's access, people who work "off-grid"; talked with Student Employment and various colleges for solutions. Meeting with representatives of units who have current leave systems (homegrown or 3rd party) to show what TimeClock Plus offers. FAQ, training guides, as pilot group progresses, on HR website. Hourly and non-exempt users will start tracking in April. No "stoppers."
 - Web CMS – Rymski – Considering standardizing on a single CMS, survey about platforms and environment information. Concerns: not one size fits all. Next steps: consider levels of consolidation (pros/cons), address security concerns (3rd party hosting), identify costs.
 - Next steps: still a few months before recommendations, simple preliminary report in perhaps May. Could implement Office365 with students over next 4 years as new students enroll. Let Dr. Burns know if anything is time critical or if there are budgetary concerns.
- Adjourn – 3:50 PM