

IAC Meeting
Wednesday, May 2, 2018
2:00-4:00 PM, Room 382 Lory Student Center

Minutes

Attendees: Sally Alexander (RMI), Jake Anderson (CAS), Scott Baily (ACNS), Katie Banghart (ACNS/Telecom), Jerry Becker (Registrar), Mike Brake (Student Achievement), Kelley Branson (Engineering), Dave Carpenter (CHHS), James Cizek (ACNS), Nick Cummings (HR/OEO), John Engelking (COB), Bob Engmark (IS), Lisa Gertig (CSUS IA), Bryan Gillispie (CLA), Greg Hansen (BFS), Dave Hoffman (ACNS/Telecom), Steve Lovaas (ACNS), Neal Lujan (DSA), Ross Madden (CNS), Tobin Magle (Library), Kylan Marsh (UA), Jamie McCue (ACNS/Telecom), Richie Nelsen (COB), Tyson Parker (Semester at Sea), Dawn Paschal (Library), Ed Peyronnin (CAS), Colleen Polley (CSUS IA), Joyce Pratt (RMI), Greg Redder (ACNS/Telecom), Gary Senseman (WCNR), Ron Splittgerber (Research), Eric Tisdale (CHHS), Dallace Unger (Facilities), Shane Vigil (HDS), Joe Volesky (ACNS), Ruth Wilson (Extension)

1. Introductions
2. Approval of minutes from 1/23/2018 (posted at <http://iac.colostate.edu>) - Burns
 - Approved unanimously
3. VPIT Updates – Burns
 - a. Unizin update – CSU is smallest of Unizin institutions, cost has gone down. Unizin data warehouse, joined to get in-course learning analytics to improve student learning.
 - b. BNED LoudSight update – 3rd semester using learning analytics platform. Sends alerts to students (turn in assignments, etc.) which improves grades. Faculty who have piloted the platform are optimistic about it improving student behavior, will continue pilot into the Fall 2018 semester. Plan to look at lower division classes where students would benefit the most from those types of alerts.
 - c. Anti-plagiarism services update – Verisight – Canvas doesn't include an anti-plagiarism service. Bought by Turnitin, plan to have one more year with Verisight, as it does get a lot of use, hundreds of thousands of papers fed through for review and analysis.
 - d. GDPR update – EU General Data Protection Regulation. Protects individual data, “the right to be forgotten”: wipe my data from your systems, we don't currently have the ability to do that. There are penalties for noncompliance so looking at options.
 - e. State funding for Cybersecurity – CSU system: 1.2 million dollars to enhance cybersecurity. Passed unanimously. CSU Pueblo would get \$300k, CSU \$900k, training in form of internships, increase education. Cyber-assurance more than cybersecurity. Result of CDOT ransomware attack, other funds going to higher-ed.
 - f. State funding for OER, possible use as a federal match – Open Educational Resources. OpenStax for textbooks, free materials online. State formed a committee, funding for a staff person to propose activities to promote OER options on campus. Also low-cost materials, e.g. e-books from Unizin, Engage eReader – Canvas courses can grant access to all students and track students usage of texts. Permission to digitize – may explore options to clear out some physical textbooks and replace with ebooks.
 - g. City of Ft Collins Broadband update – Consultant to help company who will implement it, construction has been funded and project is moving forward; by end of calendar year should be able to start looking at where they will construct. Planners talked to other cities,

Fort Collins will not be an exact copy of any other, will be 100% underground, more expensive than Longmont because of that. Use of existing fiber-optic infrastructure: not worth mixing the limited amount available, plan to start fresh with their own.

4. Research Computing Update – Magle

- a. HPC support – GRA's keeping up with requests, a little backed up with finals week, but new half-time hire for support: Kim Winner, started May 1st 2018. Job is based out of CU Research but will help with CSU support (help tickets, workshops, online office hours). Will schedule open forum to introduce Summit users to Kim and solicit feedback.
- b. Web documentation - hpc.colostate.edu - content being updated, CU has updated theirs so we have CSU-specific info on our site and link to CU. Working on documentation for Globus data software. Integrate documentation with other cyberinfrastructure, possibly under a Research Computing umbrella.
- c. Simplifying Summit account creation and management process. Current process is “high-touch”. CU simplified their end (auto add to csu-general), CSU is simplifying our end (integrate eID info so users manually enter less, auto approve faculty, grad students, etc. upon request). CSU implementing RCAMP system so condo owners and project PIs can manage their own collaborators, project account interface, add/remove users.
- d. Software on Summit- MatLab (CSU site-license) as a module, investigating use of containers for bioinformatics research (survey).
- e. Hardware – CU investigating improving low-requirement, immediate-access system interface: keep some set of resources reserved so that people can run short, small jobs without having to wait as long. No solution yet, but it's a primary user interface concern and a point of active investigation for us. Condo buy-ins from January: nodes are at CU and waiting to be installed, users have been given priority in the scheduling system in advance of installation. Some investigation into letting non-CU users buy into CU PetaLibrary; their accounting department is trying to determine a rate but won't offer if it's above market rate. Eliciting feedback from Summit users on the use of containers.
- f. Tobin has been coordinating focus groups with researchers, 90-minute interviews; she is seeking participation from other research groups from colleges that are heavy HPC users or have big data problems. Want to know what campus is doing/needing. 50/50 response rate for interviews, trying to incentivize participation. Beneficial to research groups to identify issues and then resolve. Want to provide education and communication, we don't know what we don't know, they may not know what's available to them.
- g. Globus – added Shibboleth support (gateway to making transfers work). New research storage system, Isilon NAS being used for any research data, cost-recovery service, file ownership between protocols, transferred using Globus (hybrid software as a service, cloud management but local storage) trying to authenticate with eID. RStore will be on the HPC website. Communication/information transfer between Univ of Chicago and CSU.

5. Information Systems Updates – Bob Engmark

- a. Business analytics tool (InfoBuilder) status – Initial training for power users has been completed. First test instance is up and running. Identified 26 reports to be converted, starting that process. Licenses will run through RamTech. CAAG approved model, each department/college/administrative unit will be given a license (179 total). Any additional license will be \$350/year. Named user license, cannot share. Training for general population will start end of May, provided through IS, Fran Campana, trainees can spread knowledge to their departments. Encourage migrating to the Financial Data Mart (cleaner, easier to use) as ACAdA committee will be announcing end of life for data in the ODS. Process/information on using the Data Mart – Can be found in thedata dictionary on the IS

- website. eThORITY – will run as long as it runs, best effort to correct and keep running, if it fails it fails. End of life assuming it doesn't break – June 30 2019.
- b. Workflow update – Automated workflows. Prioritize documents and workflows: highest priority is account access requests, picked most complicated (Private Data Access request form), instructions on digital form that wasn't on paper version. Also working on out of cycle pay request and supplemental pay request forms.
 - c. Created IS Roadmap portal, available from IS website, shows all of IS planned and in progress projects, interactive, status-bars, learn more about each project.
6. ACNS/Telecom Projects Update - Hoffman
- a. Qualtrics site license, course section survey update – Now in place, if interested in surveys contact IR. Piloted this spring, working well, students can access through Canvas or email, will roll out Fall 2018, expect students to be happy and better results from students.
 - b. Office 365 for Students – Original request from CITAC, working with Admissions, all new applications as of August 1st will be given default O365 account, students can still opt-in for rams account. End of life for rams (google apps) accounts? Not at this point, will cycle through, if they have a rams account they can opt-in to O365. Most Fall 2018 students will still be on rams.
 - c. SL-100 Retirement – Effectively all users have migrated off the old phone system. Planning to decommission it soon.
7. IT Security Updates – Steve Lovaas
- a. Duo Security Rollout – Launched. High ratio of success to failure, following up with any failures, Help Desk smoothly helped with transition.
 - b. Research Storage Activity (CUI compliance) – Delayed with vendor issues. Licenses in place, hardware on site, working through provisioning process for researchers set-up. Expect requests to come in soon once more things in place.
8. ISTEc Futurevisions report – Pat Burns – Best summit yet – focused on AR, VR, and AI.
9. Registrar's Office Updates – Jerry Becker
- a. Quali Student update – Faculty members need to have Duo in place to submit grades from home. Student Enrollment module, long-time project, still working.
 - b. Banner 9 upgrade project – Working on custom forms, IS has completed several new forms, modified others, 36 total forms. Contracted with Ellucian to transfer into new format. Hope to be done testing forms at end of June. Other upgrades needed before Banner 9 can come to campus.
10. Risk Management/Business Continuity Plan – Sally Alexander and Joyce Pratt
- a. Quali Ready as the tool for collecting and compiling data – Designed by universities for universities. Easy-to-use UI. Collect data and keep in online platform. Business Continuity: do we have a good grasp on what it would take in the event of disruption; how do we resume operations? Has entire IT section, Risk Management wants feedback from IT groups. Emergency response → disaster recovery → business continuity (3 parts work together). 5 levels of criticality – how do you plan to recover and resume operations?
 - Critical 1 – cannot pause – necessary to life, health, and security (e.g. police dispatch)
 - Critical 2 - lead to serious consequences
 - Critical 3 – can pause but only for short time
 - Deferrable – can function without for 30 days
 - Not important in DR/BC context

Result would be consistency across campus for these definitions. Central applications (owned by central IT) and Department Applications. Working with ACNS and IS to identify central IT applications. Still working to identify departmental applications and functional/technical owners. Identify servers – who has what? Identify workstations – how many needed? Focus on backup and recovery - how to restart? Engagement and communication with IT groups and Stakeholders, find out what's critical. Access to Business Continuity website through RMI website, Sally or Joyce will assign plans already loaded into Kualu Ready.

Next steps: any assistance, feedback, input to Sally is greatly appreciated. How can we help each other to move this forward? Main goal – IT groups in college/department log-in, connect with Joyce and Sally, to work on timeline and project management plan so information can be updated. Sally can assist with scheduling and keeping up on the project. IT sections connect with business stakeholders of the department (depends on the scope of each group) to identify critical areas. Focusing on departments/areas that are critical to campus (CSUPD, Facilities, CVMBS) first, then seeking volunteers with academic/research areas.

11. KFS update – Steven Dove – No updates at this time.
12. HR systems updates – Nick Cummings – Recent change to cell phone allowance process: ability to add different accounts rather than default departmental account. Leave Balances Report now on Employee Self Service, documentation on HR website to reconcile leave balances with TimeClocks Plus (TCP). TCP update – new version 5/3/18, upgrade will allow default comp time in the system.
13. CRB update – Jason Huitt – No updates at this time.
14. Mountain Campus update – Gary Senseman – WCNR has conference center and runs classes there. Educate 450 students every summer, almost every student in WCNR will spend time there. IT Summit held in June 2016 gave rise to several goals: (1) wanted to improve LAN (2) demand for internet access, (3) Faculty wanted Canvas in use. Updates: (1) LAN: fiber optic cabling now running between classroom buildings, phase two this summer to connect more buildings and other areas. (2) Internet: HDS (Bill Davis) upgraded satellite dishes, improved download speed, TBs of data usage. (3) Canvas: deployed local Canvas server, piloted last year and was successful, new servers to improve reliability and functionality. Want to deploy new instrumentation for research projects. Semester at Sea wants to talk about shared struggles and solutions.
15. Shared Rack Space in E7 Engineering – Bailly
 - a. Suggest that requests for space come from the area's IAC representative – can help socialize the need and if it is legitimate contact ACNS to make that happen. Group agrees.
 - b. Reminder that we need to make more efficient use of existing space (shared cabinets) – will be talking to areas that have sparsely populated racks that may need to collocate with others. Will address financial concerns (switches on racks), future-need concerns, etc. ACNS staff also looking at access issues, long lists of approved individuals from some groups.
16. Research Services Updates – Ron Splittgerber – Kualu Research Enterprise moving to software as a service in the cloud. Long-term: instead of staff in charge of updates to Kualu Research on campus, moving to the cloud, a company will now make any changes on a nightly basis, our resources would expand API's, functionality of the database, make it easier on research faculty and staff. Considering AWS packet solution? Issue with moving to the cloud, keeping the connectivity and speed, working on a parallel to AWS.
17. Other – None.
18. Adjourn – 3:50 PM