



OFFICE OF LEARNING AND INFORMATION TECHNOLOGY

CIO Council Meeting
Thursday, January 15, 2015
Madison, WI 53715

CIOs and their Representatives: Jim Barrett, Bob Beck, Chip Eckardt, David Kieper, John Krogman, Bruce Maas, Anne Milkovich, Sasi Pillay, Elena Pokot, Stephen Reed, David Stack (reporting), Suzanne Traxler, Ilya Yakovlev

Guests: David Alarie, Alex Deschenes, Jason Fishbain, Ruth Ginzberg, Tom Jordan, Ty Letto, Kathy Luker, Peter Mann, Renee Pfeifer-Luckett, Olga Turkina, Bob Turner, Stephan Wahe

Agenda Item	Discussion	Action/ Conclusion / Rationale	Responsible Parties	Date Due
IAM Current Status & Roadmap	<p>Elena Pokot introduced Ty Letto and Tom Jordan. Letto is chair of the Identity & Access Management (IAM) Technical Advisory Group (TAG) and was asked to provide background on the development of IAM within the UW System (UWS).</p> <p>Letto explained that IAM allows the right people to have access to the right applications. The horizon for applications and services has changed from on-premise versus outsourced to on-premise/hybrid/cloud/off-premises/IaaS/SaaS/etc. IAM has to be flexible in its sourcing, which creates challenges and opportunities. Sourcing is a discipline of making choices over a range of configurations.</p> <p>IAM has a mature governance process within the UWS. The governance structure was first formed in 1996. An authorization hub was built in 2002, which marked the beginning of federation services within the UWS. The IAM guiding principles from 2003 included:</p> <ul style="list-style-type: none">- data will be used for the sole purpose of IAM, not for reporting- data must be protected and secured- data will be used for software applications only, not for individual use <p>In 2007-08, a more robust infrastructure, the Wisconsin Federation, which used Oracle Identity Manager was implemented for Human Resources System (HRS) and Legislative Audit Bureau (LAB) compliance requirements.</p> <p>In 2010, the TAG was charged to take responsibility for governance and budget, in addition to the technical infrastructure.</p>			

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	<p>Multifactor authentication was rolled out in 2011 and another upgrade is planned for 2015 to prepare for the Shared Financial System (SFS) in 2016.</p> <p>The IAM Steering Committee includes representation from:</p> <ul style="list-style-type: none"> - CIOs - UWS institutions - ERP systems - Libraries - Legal Affairs - Security <p>Jordan explained that the thrust has been to deliver common systems and shared services without a central authentication model across the entire UWS. UWS is unique in that it has a model that allows for a mix of centralization and federation across the system and its institutions.</p> <p>Data feeds are collected from different source systems and linked within the UWS Person Hub. That information is used to assert information about a person when they log in. Campuses manage their own credentials, password resets, etc.</p> <p>Letto explained the following definitions:</p> <ul style="list-style-type: none"> - Identity Providers (IdPs) bring the people to the party. IdPs authenticate people and are run by the person's "home" institution. - Service Providers (SPs) bring the services to the party. <p>Pokot explained that IdPs and SPs can be in different parts of the world, or on the same campus. For example, Microsoft Active Directory can be an IdP and SPs may include email, computer labs or the Student Information System. Letto added that federation enables each campus to control the definition of who is part of their community.</p> <p>SAML 2 and Shibboleth are used to accomplish a full federation across the UWS. From the start, it was anticipated that campuses would like to like to leverage the IAM functionality for their own purposes. Four campuses are doing this today and serve as their own IdPs: UW-Madison, UW-Milwaukee, UW-Whitewater and UW-Stout. The other nine campuses have separate, centrally hosted IdPs.</p> <p>Most campuses use Microsoft Active Directory (AD) for their primary authentication service. The main</p>			

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	<p>consumers of the infrastructure are the common systems such as HRS, SFS D2L, the UWS libraries, etc.</p> <p>Campus visits Over that last six months or so, the IAM TAG has been visiting with the UWS institutions to discuss their plans, needs and local infrastructures. Three more visits are scheduled. The discussions have encompassed:</p> <ul style="list-style-type: none"> – User account provisioning / de-provisioning – Local directory environment – Email infrastructure – Local authentication infrastructure – Federation / Cloud Services – Multi-Factor Authentication – Mobile Authentication – Support Model – Future Projects / Initiatives – Current and future needs for UW System IAM Infrastructure <p>The trends that have been identified in the campus visits are as follows:</p> <ul style="list-style-type: none"> – Use of the IAM Infrastructure <ul style="list-style-type: none"> – Most campuses use centrally hosted Identity Providers (IdPs) for common systems applications (70%), but each campus that has been visited to so far is running or experimenting with a local IdP. – Most of the UWS institutions have cited the inability to integrate centrally hosted IdP with 3rd party providers as a reason to run their own. – Campuses are requesting that IAM Support Team customize their hosted IdPs: <ul style="list-style-type: none"> – Look & feel – Contextual information during the login process – Integration with 3rd party cloud services – Active Directory and Office 365 <ul style="list-style-type: none"> – Most campuses migrating or exploring migration to Office 365 – Microsoft Student Advantage is a driver for all UWS campuses – Drivers for Active Directory / Office 365 interoperability between campuses: <ul style="list-style-type: none"> – Active Directory integration for Common Systems applications that support / require it 			

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	<ul style="list-style-type: none"> – Interoperability for hosting agreements between campuses (ImageNow, Lync, etc) – Possible federation of Office 365 instances to enable cross-campus calendaring, resource sharing – Campus Active Directory installations vary – Managing Federated Applications <ul style="list-style-type: none"> – Most campuses engaged in some form of identity federation third parties – Increased need to federate campus applications outside of the traditional, on-campus populations, e.g., government agencies and non-profits – Federated Application Support <ul style="list-style-type: none"> – At least three parties get involved with login problems: <ul style="list-style-type: none"> – Common Systems Application Provider – IAM Support Team – Local Campus IAM Team / Helpdesk – Need improved coordination between groups, including improved tools and service agreements – Wisconsin Federation Administration <ul style="list-style-type: none"> – Increased engagement by federation operators – Onboarding process for federating campus apps – Service provider commitment <p>The TAG recommends that the UWS undertake the following activities:</p> <ul style="list-style-type: none"> – Explore a new support model for currently hosted IdPs that allows for customization / third-party integration <ul style="list-style-type: none"> – Encourage campuses to explore options for managing their IdPs – Expand IAM Support Team offering for hosted IdPs – Explore contracted service / 3rd party options – Explore directory integration through virtual directories or other means – Create a federated application support tool – Engage with Flex and others to explore future cross-campus AuthN and AuthZ needs 			

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	<p>Pokot explained that each chancellor has signed a trust relationship between their campus and the UW System. The current challenges are the implementation of the trust relationships for the UWS Common Systems and beyond. John Krogman pointed out that there are marketing, software licensing and other factors that play into the implementation of trust relationships.</p> <p>Pillay wants students to be able to seamlessly use services and technologies across and between the UWS institutions, e.g., a service similar to Net+ Box which is currently only at UW-Madison. Jordan explained that the major technical challenge is getting all service providers to federate. Ruth Ginzberg noted the licensing and financial compromises that the UWS Libraries have made to restrict various resources to particular institutions.</p> <p>Pokot brought the discussion back to the question of business drivers rather than particular solutions. She would like the technical team to recommend several options because there will be different consequences for each alternative.</p>			
Business Needs for IAM	<p>A working group of Werner Gade, Mohamed Elhindi and David Kieper developed a list of business needs for the TAG. Ty Letto explained that the TAG will need access to staff at the UWS institutions to investigate the various questions. They would also like a point of contact on the CIO Council and Sasi Pillay recommended Gade assume the role. Tom Jordan explained that the team will look at other university models to see what has worked and not worked. Pillay noted that it is important to the CIOs that campus populations keep their @institution.edu identities with the federation complexity hidden under the hood.</p> <p>John Krogman stressed that Letto and Jordan will propose strategies rather than designs because designs have costs associated with them. Jordan explained that costs will ultimately fall to the UWS institutions and the third parties as well as to the UW System as a whole. Pokot noted the struggle of bringing all of the Common Systems owners to the table and coming to a shared understanding of the issues. Each common system owner typically provides the Common System Review Group (CSRG) with a budget that is focused on the project's needs without understanding or including the resource commitments necessary for authentication. Ruth Ginzberg explained that she always involves Letto's group in procurements. However, she does not</p>	<p>Provide IAM Business Drivers to Werner Gade</p> <p>Provide Names of IAM Contact People to Ty Letto</p>	<p>CIOs</p> <p>CIOs</p>	<p>2/12/2015</p> <p>2/1/2015</p>

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	<p>handle every procurement. Both Legal Counsel and Procurement need to be on purchasing committees and Pillay agreed to reinforce that message.</p> <p>Stephen Reed recommended that the list of business needs be put into a hierarchical structure and that they be tied to the high-level business drivers and initiatives within the UW System. Krogman stressed the importance of avoiding any talk that sounds like a new UW System ID and password. Chip Eckardt concurred that his leadership does not want a new set of numerical identities. Jordan recommended the preparation of a business-focused prospectus as a next step. Gade asked the council members to send him business-focused drivers. Jordan will work with Gade to define the scope and timeline, which could be on the order of six months. Krogman noted that meanwhile the CSRG Budget Committee has asked the TAG to submit budgets that are flat and also budgets that represent five and ten percent savings. Gade will invite the TAG to the CIO Council as appropriate. Letto would like a point of contact from the IAM technical staff at each UWS institution.</p> <p>Pillay commended the IAM team for the vision and foresight many years ago that has positioned the UW System so well today. Steve Reed recalled that prior efforts to spin off a data privacy and security executive group never got off the ground for various reasons. Reed has been talking with Pillay about revisiting the effort to create a governance structure to work with the Technology and Information Security Council (TISC.) Pillay reported that TISC is also looking for guidance. Tetto explained that the chair of TISC sits on the IAM Steering Committee and Tom Jordan also sits on TISC.</p>			
Service Catalog	<p>Sasi Pillay would like to create a service catalog for UWS services. UW-River Falls implemented a service catalog two years ago that uses the ITIL standards to list the services that users can access. The purpose was to articulate the value of IT to leadership in the midst of a tough budget climate. They are using the Team Dynamix suite of products. Content for the service catalog is pulled from the knowledge base so that there are not two sources of overlapping information.</p> <p>Pillay shared the template developed by David Delgado that UW System Administration is planning to use to describe the UWS shared services. Pillay believes this will aid in articulating the value of IT. He welcomes contributions of services that the various UWS</p>	Submit Feedback on UWS Service Catalog Template	CIOs	2/1/2015

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	<p>institutions provide for each other. Pillay would like feedback on the template.</p> <p>The Council members are aware of the complexity of creating and maintaining service catalogs and portfolios.</p>			
CIO IT Strategic Plans & Large or Vital IT Projects	<p>Sasi Pillay outlined the annual, required IT planning process. Each CIO described the highlights from their institution's IT plan.</p> <p>UW-Eau Claire The largest IT project at UW-Eau Claire in the last year has been behind the redesign of the main campus website for service engine optimization. The website is now ranked number two in the UW System. They have also duplicated equipment at the regional data center and implemented active learning classrooms that are the most popular learning spaces on campus for both students and faculty.</p> <p>UW-Green Bay The institution's strategic plan was redone last year and has been separated from an operational plan of 70-80 items that is updated every six months. There are no large or vital projects. They are working on web site redesign to help prospective students find what they need.</p> <p>UW-Madison DoIT is aligning with the campus strategic plan. They publish a list of about 100 major projects that either cost more than \$100K or support a major campus initiative. All of these projects are deemed high priority. The only project over \$1M is the UW SysNet. The campus IT strategic plan is undergoing a rewrite and will support all UW-Madison strategies as well as emerging technology initiatives such as Unizin, Advanced Computing Infrastructure (over a million compute hours per day) and Data Center Aggregation. They are also committed to professional development, effectiveness, efficiencies and diversity. Fundraising is about to begin in collaboration with academic departments and research areas.</p> <p>UW-River Falls The institution has no IT projects over \$1M. They are focused on excellence in teaching and learning and are building active learning classrooms. Document imaging and website redesign initiatives are underway. There was faculty governance pushback against an effort to</p>			

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	<p>implement strategic IT decision making. Instead, the CIO is working with each dean to develop college-level IT plans that can be rolled up into a campus-wide view, which is time-consuming. VDI, VoIP and network redesign are key initiatives.</p> <p>UW-Milwaukee The campus is in the process of finalizing its first strategic plan in decades. There is discussion surrounding the possible revival of a committee to aid in prioritizing projects. With the new chancellor, there are campus level discussions regarding the funding for large projects, including WiFi. Staff turnover has been extraordinary due to raiding from the public and private sectors. Coupled with the long timelines to fill vacancies - it can take a year to replace an open position - staffing is a critical concern. Consequently, the CIO will fund at least one staff member in central HR who will be dedicated to recruitment for central IT. The distributed IT staff in the schools and colleges are being cherry-picked as well. The suite of O365 services is being extended and plans are afoot for sun setting similar legacy applications. ITSM efforts are being re-energized and University Relations is in the process of rolling out a new CMS. A new teaching and learning unit has been formed outside of central IT and active learning classrooms are opening for the spring semester.</p> <p>UW-Whitewater The second generation of a five-year plan is under development. A survey has gone out to academic units and the responses have largely focused on hardware needs, rather than strategic objectives. The plan incorporates both internal and external views. The process has taken over a year. There are no \$1M projects. All edge networking equipment has been replaced as well as the tier 1 storage. Redundant equipment for a few key services is co-located at UW-Platteville. The Ellucian CRM is being implemented and borderless classrooms are supplementing distance learning for individuals in the Doctor of Business Administration program who are traveling professionally. There is demand to video-enable all campus services from recruitment to counseling to classrooms to homework.</p> <p>UW-Stevens Point The interim CIO announced that next year the journey to PeopleSoft campus solutions will begin.</p> <p>UW-Platteville</p>			

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	<p>A strategic plan was developed last year and this year's focus is on strategic projects. The O365 project has required considerable attention. The second phase of the BI implementation is underway with connections to ERP systems and the development of reports that span multiple systems. VoIP is the next project to be undertaken partnership with UW-Whitewater for implementation by the end of August. An IT prioritization process was put in place last year with the support of Huron Consulting.</p> <p>UW Colleges / UW Extension The strategic plan focuses on standardization and the user experience. Major objectives include:</p> <ul style="list-style-type: none"> - improving faculty and staff technology fluency to reduce the need for instructional technologists at all of the campuses - preparing the campuses for mobility, which is more about data than BYOD, including a project of over \$1M to upgrade the wireless infrastructure - transforming from a traditional siloed IT organization to a service management organization with delivery and project management areas - assigning responsibilities to ensure that IT decisions are initiated and not merely discussed <p>UW System Administration Sasi Pillay is using the four tenants the CIO Council created as his roadmap. A telephone replacement working group, and a data governance council and working group have been created. A framework for an innovation fund is being developed that will solicit proposals for both commodity and value-added projects. A total of \$300K will be available for projects up to \$25K that can be completed in 120 days. UW System Administration (UWSA) is working closely with UW-Madison on a NIST-based risk framework for IT security with a subsequent gap analysis. They are partnering with UW-Stevens Point to move to PeopleSoft Campus Solutions with as few customizations as possible. The UWS Service Catalog was discussed earlier in the meeting. Their website is undergoing redesign and being moved to the Amazon environment using WordPress. Later in the meeting the replacement of the Interactive Reporting tool and the development of a BI infrastructure will be discussed. Also underway are projects focused on document management, workflow and storage. A Central Data Request (CDR) initiative will finish the campus interface</p>			

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	<p>and course completion functions. UWSA is partnering with UW-Madison on a Canvas LMS pilot with three other UWS institutions. Various projects are underway with the Learn@UW Executive Committee and the UWS Libraries. The only large project is the compensation tool add-on for HRS.</p> <p>UW-Oshkosh The institution has welcomed a new CIO and new chancellor in the last two months. The theme for 2015 is to build the scaffolding for future execution, including processes and governance, based upon COBIT 5. There will be third-party assessments of infrastructure vulnerabilities and information security. Performance metrics and KPI measurements are being developed. Project prioritization will be based upon a portfolio management approach. Projects are likely to include optimizing the organization; assessing customer experiences; developing a service portfolio and catalog; proposing a new funding model; implementing a CRM for student recruiting; implementing a web CMS; and building out the wireless network. There is a need to increase investments in learning technologies rather than commodities.</p> <p>UW-Parkside The CIO Council learned a lot about the institution's undertakings during the recent strategic planning workshop that was held on their campus. They are working with local school districts on dual enrollment programs that are a mix of collaboration and competition. Also reconsidering VDI because it is not resulting in significant savings.</p>			
UWS Initiatives	<p>Renee Stephenson explained that a new compensation adjustment tool is under development to aid in making base salary adjustments in the personnel system. The project is currently in the fit-gap design stage. The goal is to do all funding and rate setting with this tool, which will be written be written in PeopleSoft. Institutions will be able to load data into the tool from a spreadsheet if they so choose, rather than manually. The compensation tool will be used to do all of the reporting, edit checks, etc. The main budget system will only have salary lines for people, no details. There will be a constant feed to the current 3270 budgetary system to reconcile the entire budget. Non-salary budgets will still be entered into the 3270 system.</p> <p>David Miller's goal is to try and fund one-time costs, such as the compensation adjustment tool, with UWSA</p>			

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	<p>funds rather than looking to the CSRG or other sources for funding. A new budget system will be the last major leg of the Shared Financial System and it is expected to be quite expensive. Miller is committed to making investments in technology to improve operations to the extent possible within the budget climate.</p> <p>Other large projects on the horizon include implementing a next generation student information system in as plain a fashion as possible. Ray Cross has spoken to the chancellors about a “common” student information system with common data elements across, and available to, all institutions.</p> <p>The tighter budgets become, and the more diversified the revenue streams will be, e.g., market-driven tuition, and the greater the need to develop business intelligence tools that can be used to make management decisions using predictive analytic modeling. There is no funding source currently identified for these initiatives.</p> <p>Bruce Maas flagged the discussions of possible migration to a new learning management system. Pillay stressed the importance of making sure these projects are not all realized within the same fiscal year.</p> <p>John Krogman reported that the first few project teams that have presented their budgets to the CSRG Budget Committee were told that they will have to reduce their requests despite the fact that they were based upon requirements that were requested by UW System Administration. Maas noted that even states that are defunding higher education are still investing in IT to get to greater economies and efficiencies. Steve Reed reported that campuses are already investing in BI despite the lack of an overall UWS strategy and without a full appreciation of the costs of procuring and integrating professional tools.</p> <p>Elena Pokot asked about purpose of the 5% and 10% cutting exercises for the CSRG budget proposals. Olga Turkina explained that the cuts were not originally requested in the budget process. However, the CBOs on the CSRG Budget Committee have information pertaining to significant budget cuts that may occur at their institutions. Pokot recommended a deeper discussion of business drivers and real alternatives, rather than brinksmanship or across the board cuts. Pillay explained that the questions about possible reductions were asked for the collection of additional</p>			

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	<p>data to see what the puts and takes are, not to make across the board cuts. Bob Beck stressed that the CSRG Budget Committee is predominantly comprised of CBOs who probably have greater insight into future institutional budgets than the other committee members or the presenters. Maas stressed that if central projects can't be funded, greater costs and resource commitments will pop up at the various UWS institutions.</p> <p>Miller concurred with the inadvisability of across the board cuts. Also, the usual practice of allocating costs according to formulas needs to change. Sacrifices will have to be made in order to make strategic investments.</p> <p>Six UWS institutions have been through reviews by Huron Consulting for effectiveness and efficiency. UW System Administration is going through a deeper version and mapping its workflow processes to look for opportunities for streamlining. The more electronic UW System Administration becomes the more efficient the workloads can be, e.g., the potential for improving the travel reimbursement process.</p>			
CSRG Budget Discussion	<p>Olga Turkina reported that, as of yesterday, there were \$34.8M in requests before the CSRG Budget Committee for FY16, which is a 14% increase over the current budget and which is driven mainly by the BI project request, which has been trimmed and spread over three years. There are also requests for strategic academic systems including a Canvas pilot and new web conferencing systems. To just maintain the FY15 operations would require a 2% increase.</p> <p>The biggest milestone for IAM would be to onboard SFS into Oracle Identity Manager 11g in FY16. Security is reviewing the costs of tools and expanding multi-factor authentication to the UWS institutions. SFS wants to roll out both existing and new functionalities to the UWS institutions.</p> <p>The first CSRG budget committee meeting was last Monday and they heard presentations from the four biggest ERP systems. It was decided to explore various alternative scenarios that would realize savings, not to recommend across the board cuts. The next set of project team presentations to the CSRG Budget Committee will be on January 21st. The budget committee will deliberate its original budget recommendations on January 23rd. The</p>			

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	<p>recommendations will go to the full CSRG in February and finally to the chancellors in April.</p> <p>Sasi Pillay explained that the Integrated Reporting (IR) replacement project expanded into a full BI proposal based upon the desires of the UWS leadership to have the infrastructure to make data driven decisions. Meanwhile, David Miller has been exploring BI tools with his senior managers. Werner Gade noted that most of the UWS institutions probably already have BI tools and might not be able to invest in yet another set for system-wide reporting. Kathy Luker chairs the BI Core Team that has been discussing these initiatives for several months. The team had a short period of time to put together a proposal to the CSRG.</p> <p>Pillay stressed that he and Turkina have made an effort to be more transparent throughout the CSRG process than their predecessors. Elena Pokot and Steve Reed emphasized the differences between briefing, consulting and vetting. Ruth Ginzberg stressed the pressure that high-level leaders are putting on Pillay with regard to multiple BI initiatives. Luker noted the risks of running the current IR tool in an unsupported fashion. Bruce Maas stressed that CBOs and CIOs look at these initiatives very differently. John Krogman is concerned that there is not sufficient capacity in the CSRG budget to fund an expensive BI initiative. Gade stressed the need to share information with the CIO Council before it goes to the CSRG. Pokot stressed that BI is not a technology project per se and will require involvement at all levels at the UWS institutions.</p>			
VOIP/UCC Meeting Follow Up	<p>Ilya Yakovlev thanked Mike Schlicht for the productive VoIP informational meeting last week. Sasi Pillay and Schlicht will continue developing the high level requirements for VoIP. John Krogman stressed that UW-Madison and other institutions will not favor a one size fits all approach for either hosted or on-premise VoIP solutions. The UWS has a contract-specified floor on the number of Centrex lines it must pay for.</p>			
IT Security	<p>Bruce Maas introduced the new UW-Madison CISO Bob Turner and thanked Stefan Wahe for filling in during the recruitment. Wahe explained that there is a CSRG proposal to replace the current certificates with those from InCommon and a survey has been sent out from the UW Digital ID team to the CIOs. There is also an initiative to expand multi-factor authentication to the UWS institutions.</p>	<p>Respond to Certificate Survey from Digital ID team.</p>	<p>CIOs or their delegates</p>	

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	<p>On Friday, TIAA-CREF's security team identified a dataset on the Internet they thought might belong to the UW System. No restricted data was exposed. The investigation led to increased security for one server and a password reset on a third-party system for one person. Numerous vendors are marketing services directly to students and faculty that might result in people putting their UWS credentials into a third-party system. It is important that third-party vendors federate with the UW System. In addition, public facing servers need to be carefully monitored and their networks tested to ensure that data is not leaking.</p> <p>Assistance is available from DoIT and other UWS institutions if needed. Sasi Pillay acknowledged the good work of Wahe and his team in response to the incident.</p>			
BI & Interactive Reporting Replacement Options	<p>Kathy Luker noted that members of the BI Core Team consider Interactive Reporting as a BI tool, not merely a reporting tool. IR is the primary tool for integrating data across ERP system silos, such as HRS in conjunction the legacy HR data. It is widely used at the UWS institutions. The thousands of "interactive queries" in the library are being examined and culled. They are actually more complex than mere reports. There are vendors who could conceivably assist with the conversion of the queries.</p> <p>IR has three tool states: web only, clients and full studio developer. The web and client states are at risk with respect to future developments of Internet Explorer. The studio developer tool is overkill for the user base and poses a security risk.</p> <p>An interactive Request for Information approach will be used with a half dozen vendors to identify a new toolset. A two-day event will be held at UW-Madison, with the option of remote participation, on March 12-13. Before the meeting, requirements will be vetted broadly. The full RFP process is expected to take until mid summer.</p> <p>Alex Deschenes is the project manager for the IR replacement project and his time is funded by the CSRG. Further discussions on this topic should be sent to both Luker and Sasi Pillay.</p>			
UW	John Krogman reported that there is still one two-year			

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Network Update	<p>campus to cut-over to bring the entire UW System onto the new network. A project end report needs to go to the sponsors before any broad public announcement. The network budget for next year will be issued in a few weeks. WiscNet is in the process of moving some final components by the end of the month as contractually required. Krogman expressed his appreciation for all of the work done at the UWS institutions.</p>			
D2L Update	<p>Renee Pfeifer-Luckett explained there is a timing issue regarding the upgrade of D2L to version 10.4. The version will not be available until after April, which does not provide sufficient time for testing before the usual summer upgrade window. The version has a new code base and does not offer significant feature improvements so it pays to be deliberate because there is little or no risk in waiting.</p> <p>Peter Mann doesn't foresee any issues with browser versions. There are two possible delivery models for version 10.4. A task force has been engaging with the company to learn how the models would play out.</p> <p>Ruth Ginzberg reminded the Council that the vendor is contractually operated to maintain certain integrations with other third party vendors throughout their releases.</p> <p>The purge and archive functionality has been delivered but not yet been implemented. The vendor is not contractually obligated to have that functionality in version 10.4.</p>			
2015 CIO Meeting Dates	<p>Sasi Pillay will invite Al Crist to discuss new personnel policies and David Ward to discuss the future of instructional technologies at upcoming meetings. On behalf of a number of the CIOs, Ilya Yakovlev recommended that the agendas be vetted before the meetings. Suzanne Traxler recommended that updates be handled via email rather than as status reports delivered during the meetings so there could be more time for discussion. Future meeting dates are:</p> <ul style="list-style-type: none"> • February 19th in Madison, 8:30–3:30 • March 19th video conference • April 28th in conjunction with ITMC • May 21st at UW-River Falls • June 18th at UW-Superior • July 16th TBD 	<p>Invite Al Crist and David Ward to Future Meetings</p>	<p>Sasi Pillay</p>	

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	<ul style="list-style-type: none">• August 20th TBD• September 24th TBD• October 22nd TBD• November 19th TBD• December 17th TBD			