



Minnesota  
STATE COLLEGES  
& UNIVERSITIES

## Infrastructure Steering Committee

### MEETING NOTES

May 14th, 2008

12:30 P.M. – 3:30 P.M.

Conference Room 3362 Wells Fargo Place, St. Paul

**NEXT MEETING:** **Date:** June 11, 2008

**Time:** 1:00 P.M. – 3:30 P.M.

**Location:** Room 3362, Wells Fargo Place, St. Paul

**ATTENDEES:** Ken Brumbaugh, Ross Berndt, Mike Janke, Tim Furr, Penny Dickhudt

ITV: Scott Steed, Wade Nelson, Steve Richards, Dan Harber

**Approval of Meeting Notes from May 14, 2008 Meeting** – To be reviewed.

### Announcements:

#### **1. IAM Update** – Ken Brumbaugh:

We are making good progress in the staffing area. Todd Piket has joined us as our new IAM architect. He will be working out of the Eveleth office as of June 2<sup>nd</sup>. Sam Buchanan will be moving over from the ISRS Web Services group on to our team. We also now have Jerri Novak as our new project manager. We are continuing to refine our discussions with Sun. Their system integrators, a company called Mycroft, have been giving us short-term assistance in building the ISRS interface and in campus provisioning.

RFP: We want to get proposals from vendors who have IAM solutions who we can establish long-term agreements with. We are doing this independently of the IAM core team which consists mainly of consultants. We are experimenting right now with the Sun tool set. There are probably a half dozen companies that will be bidding. Currently, Ken, Todd, Sam and a Burton consultant are working on this. We intend to go back to the IAM Core team for consultation but they will not all be included in the decision. We are hoping to complete this RFP within the next 10 days and get legal and financial consultation. The release will be in mid-June. We will do the analysis during the first half of July and make a decision by the end of July.

Ken asked if the Infrastructure Steering Committee wants to play an active role in the RFP process.

- Someone from Infrastructure should, at the very least, be a part of the review.
- Mike suggested sending out a call for volunteers to the Tech. Leadership listserv.

#### **2. D2L Upgrade** - Penny Dickhudt:

Karen Wenz has been sending out information regarding the upgrade process. There is some concern that word is not getting out across the campuses.

-We will be down on May 18<sup>th</sup> for the deletion of the discussion posts from Fall 2006 backwards.

-Work on the role creation/migration issue is still going on.

-On May 23<sup>rd</sup>, we are going to do a walk-through about everything that will occur during the upgrade. The upgrade will begin at 6 PM on June 5<sup>th</sup>. We will hopefully be back up by 6 AM on the 9<sup>th</sup> before morning classes start.

Lawsuit: The judge extended the stay for another 30 days. We have to be migrated by June 12<sup>th</sup> or D2L will be in default. We should be fine.

-The D2L usage report for March is in. The most hits they had was 17,187,000 on Monday, March 31<sup>st</sup>. They did not have any major problems in March.

Move towards Moodle: We have contracts ready in case we have to completely switch over to Moodle.

**3. APPL/REPL Split** - Mike Janke: APPL was cut over on May 4<sup>th</sup>. It was pushed back by 1 week. It went fairly smoothly. We had scheduled a 7 hour downtime but it only took 1 hour. We had a VMS problem and ended up a half hour behind schedule. We are performing the second half of this on Sunday morning. It will be a 4-5 hour outage. REPL will be down between around 5 AM to 9 AM. We will also have one hardware related outage sometime in the next 6 weeks for ISRS and APPL. We will be licensing this environment with Oracle which will cost over \$1M.

RDB-Oracle ISRS Status: We are going back to Uniface 8. Uniface 7 will not work against an Oracle database in any circumstance. Compuware has either fixed or worked around the problems we had with Uniface 8 in February and they do not anticipate this being a problem. Dave Willford is going to do a true load test where he will light up 400 ISRS sessions and script it out against Uniface 8. In order for this to happen, database changes have to be made that will affect the REPL environment. Bar Char (?) and Time Stamp fields will be changed. Bar Chars greater than 2048 bytes will be changed to Clobs (?). Presumably the actual cutover when we drop RDB will be the first weekend in October.

**4. Wide Area Network** – Mike Janke: In the last month, the Quest Ethernet circuits for redundant paths to the metro area have been ordered. Mike signed off on them, OET booked them and Quest has them in their books. We are juggling hardware around right now. On the south-eastern corner of the state, we have cut a purchase order to build out fiber for the sites that will use this path. We are telling the contractor that this build-out has to be complete by June 30<sup>th</sup>. The lighting of it will be much later, probably in October.

Redundant Hub Hardware: OET is very close to ordering what we need. Most of the Hubs will have redundant ASR hardware. Some will be in place before school starts, but most will not.

The Packeteer Beta Models are working fairly well. Features are added to them nearly every week. A purchase order has been submitted for the beta units.

The new core routers are up and working. We have some work left to do at WBOB in order to cut over to the new core. We are still hanging off of the University of Minnesota's core. This should happen sometime in June.

Fiber Move: The first move on April 27<sup>th</sup> was successful. One of our redundant paths failed and came back up about 5 hours later. The second fiber move was called off at the last minute.

The Wide Area Network for the metro area, the Met Net Gigabit Service's 5 year contract is up. Met Net is doing an RFP through the University of Minnesota for gigabit Ethernet service to all Metro Colleges. The RFP is in final draft. It will possibly go out on Monday. We will give the vendors a few weeks to reply. We will then have to wait for the University of Minnesota's Board of Regents to approve this since it will be over a quarter million dollars. If we have good results from the RFP, we will have a new Wide Area Network for the Metro Area by January.

We are working on updating the Blueprint for the Learning Network of Minnesota. The last update happened 3 or 4 years ago. We are adding some significant things to it and we should be able to share this at the next meeting. We had a lot of active participation from the University of Minnesota.

**5. WBOB/COB Update** – Ross Berndt, Mike Janke:

There has not been much change. The redundancy worked as planned. The COB failover DR site is progressing as planned. About a month ago, all of the VMS servers have been mirrored over to COB. On the ISRS Oracle side, we are not doing a live mirror, but a 15 minute incremental back-up to a virtual tape library over at COB.

**6. Adjournment:** Meeting was adjourned at 2:30 P.M.

Meeting notes submitted by Smitha Pennepalli, [smitha.pennepalli@csu.mnscu.edu](mailto:smitha.pennepalli@csu.mnscu.edu).