

CampusWorks Inc IT-Banner Database Assessment Recommendations and Action Plan

Item	CWI Recommendation Description	Action Plan
1	Change the passwords to the baseline Banner and Oracle accounts. Lock the accounts where appropriate.	Passwords have been changed.
2	Add the ReWrite rules for the Self Service Banner script injection security FAQ as stated above.	Work with the remote DBA and update the SSB configuration script.
3	Change the extent limit on all tables to "UNLIMITED".	We are seeking the second opinion on this recommendation. There has to be a reason that some table extend limit are set to "LIMITED" in SunGard's standard distribution. The resolution of this item is to be included in the Banner 8 database conversion.
4	Perform a test recovery from the backups. Until this is successfully accomplished, the College must assume that its backups are corrupt.	The current backup schema is good. We have implemented the use of cold backups as is recommended by other Banner colleges. Test recovery from the backups has been completed.
5	Write the manuals for performing backup and recovery procedures.	This is included in the work of item #4.
6	Run Banner's Finance archive process in consultation with the College's Business Office.	The Banner finance table archiving has been completed for fiscal year 2005 and 2006, and the business office will determine the archiving schedules for other years.
7	Modify some of the initialization parameters to make better use of the remaining physical memory on the production database machine.	The resolution of this item is to be included in the Banner 8 database conversion.
8	Modify the size of production on-line "redo" log files.	The resolution of this item is to be included in the Banner 8 database conversion.
9	Train the Technology Training Center personnel how to train College administrative personnel on how to use Banner. This training should be given to all College administrative personnel before they are given access to Banner.	Working with HR and establish a comprehensive training program for new employees. The Banner training will be part of the program. This training program will also include new and adjunct instructors.
10	Train the Registrar's Office to set up Banner's Electronic Grade Book in the Self Service Faculty module.	Currently many faculty members are using EasyGradePro and they are very satisfied with it. EasyGradePro provides better functionality than the Electronic Grade Book,

		faculty members will continue to use EasyGradePro.
11	Train the Technology Training Center personnel how to train College faculty to use Banner's Electronic Grade Book instead of EasyGradePro.	Training of EasyGradePro is continuing at the Technology Training Center.
12	Have the Information Technology and Functional System Analysts take SunGard Higher Education's <i>Introduction to Banner Administration</i> class.	We are contacting the SunGard account manager to find out the training schedule.
13	Institute the best practices for developers outlined above.	Developers are informed the best practices, and will follow the recommended process.
14	Clean up obsolete files on the server systems to free up disk space. This will also clean up the current ambiguity about which code tree is "correct".	The resolution of this item is to be included in the Banner 8 database conversion.
15	Fix the software links issues in the \$BANNER_LINKS directory.	Extra links have been removed. This item is completed.
16	Change the production database's use of the Self Service Banner Database Access Descriptor to use instead a Database Access Descriptor for Internet Native Banner.	The current Database Access Descriptor (DAD) setting was set by SIG due to the SSB server being a more powerful unit. The recommended setting can be completed with the assistance of remote DBA after the Banner 8 database conversion.
17	Recreate the database to change the size of the data blocks to make better use of physical memory in the database.	The resolution of this item is to be included in the Banner 8 database conversion with assistance of remote DBA after the Banner 8 database conversion.
18	Create system and network diagrams. Spreadsheets do not have the visual impact that these diagrams have. It is hard to tell where to create an Enterprise Architecture when you cannot see where you are currently.	We use HP's ProCurve Manager to keep track of network configuration dynamically and augment it with Excel spread sheets. The ProCurve Manager provides network topology diagrams as well as remote management for each network elements. If a paper diagram is absolutely needed, we need to increase the resources to create it and then synchronize it with the changes made in the network.
19	Move towards a single operating system for the ERP. We suggest Red Hat Enterprise 5.3 for a number of reasons. At the present time, the College has to support three different operating systems on two different hardware platforms for the RDBMS/INB/SSB ERP system. This complexity probably gets even worse when other systems that are connected to the	Currently we support two hardware platforms, (Sun and Dell servers), and three types of operating systems (Sun Solaris, Windows Server, and Linux). With the divest applications to support, as well as budget constraint, it is not practical to consolidate them into a single hardware/software platform. Interface among them has not been an issue at all.

	ERP are considered.	
20	Prepare for Banner 8. This requires a project plan that encompasses the entire user population of the College.	Banner 8 upgrade has been an ongoing agenda item of IVC Banner User Group meeting. IVC-BUG consists of user representatives from all areas. The project plan is being formed.