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Banner Intcomp Release Guide

Release 8.0.2
April 2010 (Revised)



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Revision History

Publication Date	Summary
November 2009	New version that supports Banner Intcomp 8.0.2 software.
April 2010	Removed icbirule_080002_01.sql from the release.

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Introduction

Banner® Intcomp comprises the Banner components that support data synchronization and messaging with third-party products. Specifically, it includes the Banner components that support Banner Integration for eLearning, which includes integration among Banner, Luminis Platform, and Learning Management Systems (LMS) such as Blackboard or Desire2Learn.

Dependencies

Your institution *must* license the following products to support Banner Intcomp 8.0.2:

- Banner General 8.0
- Banner Student 8.0
- Learning Management Gateway 4.0

Banner Intcomp 8.0.2 supports the following optional Banner products (minimum versions listed):

- Banner Finance 8.0
- Banner Advancement 8.0
- Banner Human Resources 8.0
- Banner Financial Aid 8.1

For Banner Intcomp release requirements for previous versions, refer to *SunGard Higher Education Integration Solutions Dependencies*, available on the SunGard Higher Education Customer Support Center.

Important note

The delivery of Banner Intcomp 8.0.2 in November 2009 included a script to resolve a problem with leading spaces in the `ICBIRULE_INTEGRATION_SOURCE` value (defect 1-4853K1). The `icbirule_080002_01.sql` script recreated the `ICBIRULE_INTEGRATION_SOURCE` value by concatenating the value of `GUBINST_NAME` with the literal string “SCT Banner” and trimming any leading spaces.

An unexpected result of running this script occurred for clients who had manually changed `ICBIRULE_INTEGRATION_SOURCE` to a value other than `GUBINST_NAME` plus “SCT Banner.” In these situations, the `SourcedID` values stored in Luminis no longer matched

the values that event processing created. Individuals could not be synchronized, causing a variety of integration issues.

To prevent source mismatches for any future upgrades, Banner Intcomp 8.0.2 is being reposted without the `icbirule_080002_01.sql` script.

If you have not yet upgraded to Banner Intcomp 8.0.2, make sure that you use the version posted in April 2010. Do *not* execute `icbirule_080002_01.sql` that was delivered in the original Banner Intcomp 8.0.2 release. If you need to fix the problem with leading spaces, contact Action Line for assistance.

If you have already upgraded to Banner Intcomp 8.0.2 and are having problems with source mismatches in your event processing, contact Action Line for assistance in fixing the data problems.

Problem resolutions

The following problem resolutions are delivered in Banner Intcomp 8.0.2. The detailed description, impact, and resolution information for the problem resolutions are delivered in a separate file named `intcomp80002resolutions.txt`.

Object Name	Defect #	Summary
<code>icsikld1.sql</code>	1-4EFVXX	Unnecessary <code>DBMS_OUTPUT</code> statements were resulting in unwanted messages. Removed <code>dbms_output</code> calls to prevent debug statements from appearing.
<code>icgorldi.pc</code>	1-4EFVWP	The extract process had untranslatable strings with <code>NLS_get</code> calls. Removed the call to <code>NLS_get</code> for the untranslatable strings.
<code>icgjbpdfu_55immp.sql</code>	1-55IMMP	Running ICGORLDI was resulting in an error - Invalid validation Label: <code>VALID_INTG_CODE</code> . Resolved this issue by updating the script to correct the validation label.
<code>icgorldi.pc</code>	1-5GDULE	ICGORLDI was not extracting expected users when run for multiple roles. Modified the size of the SQL variable <code>arr_person_code</code> to fetch all the roles.

Object Name	Defect #	Summary
icgorldi.pc	1-5NQA10	Running ICGORLDI was resulting in an error if special characters were included in the STVGMOD_DESC field. Resolved this issue by increasing the size of enr_gmod_desc in deletable_enrollments sections.
icsskld1.sql	1-5PIFEB	Hard delete of course section object is not processing correctly. Resolved this issue by adding a check in f_get_section to ensure the delivery system is present in case of a delete.
icgjbpedfi_2s8892.sql	1-3IRKZX	CRN was not accepting parameters in ICGORODM. Resolved this by replacing the String literal 'NULL' with NULL in the seed data script icgjbpedfi_2s8892.sql file.
Documentation	1-3OEYT3 1-3RDGX9 1-3Y2YYL 1-3V1DDJ 1-4ZR3W	Documentation was incomplete and included incorrect information. Updated <i>Banner Integration for eLearning Administration Guide</i> to incorporate new documentation changes.
icdrabicps_2s8892.sql icgoriccri_2s8892.sql	1-418IP5	Upgrade script was causing an error, if client does not have the Banner Human Resources module installed. Resolved this by using dynamic SQL to insert into the GORICCR table, only when the Banner Human Resources is present in the database.
iccheck.sql	1-4WHUHL	8.0.1 iccheck.sql debug script reports errors in steps 9, 19, and 22. Resolved this issue by changing parameter 5 of ICGORODM process from SCT ID to SPRIDEN ID in step 9. Corrected a illegal format string to prevent errors in step 19. Renamed the Column option to prevent errors in step 22.
icgorodm.pc	1-6RC83Y	Process notes wrong version when it executes. Resolved this issue. Process notes version is displayed correctly when executed.

Object Name	Defect #	Summary
icgorgmk.pc icgorodm.pc icgovpdi.pc	1-5XWXX3	Untranslatable values (environment variables like “HOME”) are being translated, when I18N changes were made. The extract process had untranslatable strings with NLS_get calls. Resolved this by removing the call to NLS_get for the untranslatable strings.
iccheck.sql icconvschd.sql	1-60N4E9	Modified all scripts and code to be I18N compliant to include iccheck.sql.
icgorldi.pc icspkld1.sql icspkcol.sql icsckld1.sql icsfkld1.sql icsskld1.sql	1-7VB6Z1	I18N- incorrect synchronization of these two files. Resolved this issue by removing unwanted translation in icgorldi. Introduced translations for translatable values in real time event driven processing in both icgorldi.pc and icspkld1.sql files. Strings were causing trouble because they were translated.
icspkld1.sql	1-76M9JN	faculty_office_tel variable in baninst1.icspkld_get_person_details is too small. Resolved this by increasing the faculty office telephone field to incorporate length changes in SPRTELE table.
icgorldi.pc	1-5GAAZM	icgorldi process terminates with error. Resolved this issue by increasing the length of the variables to accept names of maximum length of 250.
icruready.sql	1-4C88RQ	Intcomp 8.0.1 product incorrectly requires that the Financial Aid product be installed in order to install int80001 upgrade. The Banner Intcomp 8.0.1 Upgrade Guide incorrectly stated that Banner Financial Aid must be installed before Banner Intcomp 8.0.1 is installed. The upgrade guide was revised to remove this prerequisite.
icsskcol.sql	1-4589UJ	Trouble importing due to parsing errors. Resolved this issue by adding an ELSE condition in F_CALC_ENROLL_ACCEPT function to return '0', if the STVSSTS_REG_IND in STVSSTS is not equal to 'Y'. Previously the function returned NULL if the value is not equal to 'Y'.