

Banner General Release Guide

*Release 8.2
June 2009*



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Introduction

This guide documents Release 8.2 of the Banner® General System. Release 8.2 includes enhancements, regulatory updates, RPEs, and problem resolutions.

This document describes the following enhancements.

Person Information

Four new person information fields improve Banner's international support for name, address, and telephone information.

Support for Oracle Database 11g

Several objects have been changed as part of providing support for Oracle Database 11g.

Special Notes

To avoid inter-product dependencies, several objects from other Banner products are being delivered with Banner General 8.2. For a list of these object and more information, see [“Objects from Other Banner Products” on page 15](#) and the *Banner General Upgrade Guide 8.2*.

The Banner General 8.2 upgrade will require a recompile of all forms, COBOL, and C processes. See the *Banner General Upgrade Guide 8.2* for more information.

Additional Sources of Information

If issues are discovered with this release, they will be noted in *FAQ I-5RJTXU - Banner General 8.2 Upgrade Issues*. You can check this FAQ at the Customer Support Center to find out the current state of issues connected to this release.

The *Banner General User Guide 8.2* and other documentation supporting this release can be found in the Customer Support Center's Documentation and Download Center under the *Banner-General* product. Select

Banner General Online Help includes detailed information about forms and fields in Banner General. You can download online help as a .zip file from the Customer Support Center for use offline. The online help .zip file also contains a print-ready PDF file. Look for *8.x Online Help Reference* among the General documentation in the Documentation and Download Center.

Two Banner General documents are posted in the Customer Support Center's software download area. To access these documents, you must have software download privileges

on the Customer Support Center. To access the *Banner Middle Tier Implementation Guide* and the *Banner Security Administration Handbook*:

1. In the Documentation and Download Center, click **Software Downloads**.
2. Select *Banner-General* and click **List Releases**.
3. Check the **8x-Release** check box.
4. Click **List Releases**.
5. Select *midtier80200im.pdf* and *general80200security.zip*.

1 Person Information - Functional



Overview

With Release 8.2, new person information fields have been added to several Banner forms. These fields were added to Banner tables in Release 8.0, and they are now being made accessible through the Banner user interface.

These new fields are part of Banner's continuing internationalization initiative, and they are intended mainly for institutions outside the United States. Because many Banner customers are expected to choose not to use these fields, the fields are hidden by default when Release 8.2 is installed. A script is provided with the release to make these fields visible. You can also use Banner's masking forms to manually show or hide these new fields.

These four new person information fields were added:

- **House Number** (`_HOUSE_NUMBER`). An identifying number associated with a house or a building. Generally speaking, this is *not* intended to be used for the numeric part of a United States-style street address, such as the *123* part of *123 Main Street*. This field is intended for locales where a house number, separate from the street address, is a customary part of address information. **House Number** has been added to forms that display address information.
- **Street Line 4** (`_STREET_LINE_4`). This is a fourth line of street address information. In places where three lines of street address information are not sufficient, Street Line 4 can be used. **Street Line 4** has been added to forms that display address information.
- **Telephone Country Code** (`_CTRY_CODE_PHONE`). The country code dialed before the telephone number, if calling internationally. **Telephone Country Code** has been added to forms that display telephone information.

Note

Banner's telephone fields now support all international telephone number formats, and with the introduction of the **Telephone Country Code** field, you might choose to retire the freeform **International Access** field. See the discussion below in "Showing or Hiding the New Fields." ■

- **Last Name Prefix** (`_SURNAME_PREFIX`). A part of a person's name that precedes the surname. This field is recommended for institutions in countries where this name part is commonly used. **Last Name Prefix** has been added to forms that display detailed name information. When a full name is displayed (for example, in a key block field that displays a person's name), the last name prefix will be included, if it exists, before the last name, separated by a space.

 **Note**

In searches based on **Last Name**, the value of the **Last Name Prefix** field is not considered. For example, if *vander* is the *Last Name Prefix*, and *Linden* is the **Last Name**, a search for the **Last Name** *vander Linden* will not find the record. Instead, you must search for *Linden*. Also, alphabetical sorting routines will continue to be based on **Last Name** and will not consider **Last Name Prefix**. ■

Showing or Hiding the New Fields

Because most Banner customers are expected to choose not to use the four new person information fields, they are hidden by default when Release 8.2 is installed. During the installation of Banner General 8.2, you can opt to display the four new fields. You can also show or hide the new fields after the release is installed, by doing either of the following:

- Running the `gssmask.sql` script. The script does a mass update of masking rules for the new fields, so that you can change the rules all at once for the fields wherever they appear in Banner and Banner Self-Service.
- Changing the masking rules for the new fields in the Data Display Mask Rules form (GORDMSK). There is a separate rule for each field on each form, adding up to several hundred rules in total, so making manual changes on GORDMSK is much slower than making mass changes through the `gssmask.sql` script. You should use the `gssmask.sql` script if possible and resort to manual changes only if the script does not provide fine enough control for your needs.

Using `gssmask.sql`

The `gssmask.sql` script, delivered with Release 8.2, can do a mass update of masking rules for any or all of the four new person information fields. When you update a field with `gssmask.sql`, the changes apply to all forms where the field appears, and also all Self-Service pages where the field appears.

In addition to the four new fields, the `gssmask.sql` script can also be used for a mass update of the **International Access Telephone** field. This field was used for freeform telephone numbers during the time when Banner required that telephone numbers conform to U.S./Canada standards. Banner's telephone fields now support all international telephone number formats, and with the introduction of the **Telephone Country Code** field, the **International Access** field is no longer needed. If your institution chooses to hide the

International Access field on all Banner forms, you can use the gssmask.sql script to do so.

 **Warning**

You should not hide the **International Access Telephone** field until after you have taken steps to review its existing data and migrate the data to the other telephone fields. ■

When you run gssmask.sql, the script will prompt you for the following options:

- The field(s) for which you want to change masking rules. Specify one or more of the five fields.
- Whether you want to show (make visible) or hide the specified fields.

If you want to *selectively* show one of the new fields, for example, to show **Street Line 4** on some forms but hide it on other forms, you will have to manually change the field's masking rules on the GORDMSK form.

 **Tip**

You can minimize your manual effort by using gssmask.sql to set a field's visibility as it applies on most forms, and then using GORDMSK to change the rules for the exceptional cases. ■

Using GORDMSK

The Data Display Mask Rules form (GORDMSK) maintains rules for masking, hiding, or concealing fields on Banner forms. New GORDMSK rules are delivered with Release 8.2 for each of the new person information fields on each of the forms where they appear. By default, the new fields are set to hidden; that is, **Visible** is unchecked on GORDMSK for the new fields.

You can use gssmask.sql to make a mass update of the **Visible** indicator for each of the new fields across all Banner forms where they appear. You can also manually change the rules one at a time on GORDMSK.

The GORDMSK form also allows you to manage showing and hiding the new person information fields in Banner Self-Service. To modify a masking rule for one of the new fields in Self-Service:

1. On GORDMSK, select the object ****SSB_MASKING**. This is a special object added for the purpose of applying masking rules to fields in Self-Service.
2. Select the rule for the field that you want to modify.

For ****SSB_MASKING** rules, the **Block** field shows the Self-Service function or procedure that displays the data.

 **Tip**

You can use wildcards in the **Block** field to select multiple Self-Service functions or procedures. ■

3. Change the **Visible** check box. It should be checked to display the field, or unchecked to hide the field.

With ****SSB_MASKING** rules, you cannot use **Display Mask**, **Conceal**, or the partial character masking feature.

4. Save your changes.

 **Note**

This Self-Service masking functionality has been put in place only for the new person information fields. To use this feature for other Self-Service fields, you would have to make custom modifications to your Self-Service packages. ■

Excluding the Last Name Prefix from Full Name

The **Last Name Prefix** field can be included in concatenated full names. A special masking rule has been delivered with Release 8.2 that hides the last name prefix from the function that creates the full name.

To include the last name prefix in the concatenated full name, using the following steps to edit the special masking rule.

1. On GORDMSK, select the object ****SSB_MASKING**.
2. Select the rule for the **Block** **F_FORMAT_NAME** and the **Item** **SPRIDEN_SURNAME_PREFIX**.
3. Check the **Visible** check box.
4. Save your changes.

 **Note**

In this masking rule, **Visible** is the only masking attribute applied. You cannot use the **Conceal** attribute, apply a format mask, or use partial character masking. ■

 **Note**

After changing this rule, you will have to log out of Banner and log in again in order to see the change take effect. ■

After this masking rule has been changed, the last name prefix will be included in the concatenated full name. If a last name prefix exists for a given record, then the last name prefix will appear, followed by a separator space and the last name.

Changed Forms

Common Forms Object Library (GOQCLIB)

This library generates the tabs that display in Banner's %IDEN forms and other person information forms in Banner.

In GOQCLIB (and in the Banner forms that the library supports), several changes were made.

- In the Current Identification Window, **Last Name Prefix** was added.
- In the Alternate ID Window, **Last Name Prefix** was added.
- In the Address Window, **House Number** and **Street Line 4** were added.
- In the Telephone Window, **Country Code** was added.
- In the Emergency Contact Window, **Last Name Prefix**, **House Number**, **Street Line 4**, and **Telephone Country Code** were added.

In addition, GOQCLIB was modified to support masking of the new person information fields if desired.

Function Participant Form (GEAPART)

In this form, the display-only telephone number now includes the country code.

Address Review and Verification Form (GOADDR)

This form displays addresses added or changed within Banner or in Banner Self-Service. In the Address block, **House Number** and **Street Line 4** were added.

Common Matching Entry From (GOAMTCH)

Some of this form's internal processes were updated to incorporate the four new fields' values where they exist.

 **Note**

The common matching process was not updated to query or match on any of the new fields. ■

Geographic Regions/Divisions by ID Form (GOAPGEO)

This form displays the geographic regions assigned to a non-person ID based on its addresses. In this form's display-only **Street** field, House Number and Street Line 4 are now included in the concatenated street address.

Source/Background Institution Geographic Form (GOASGEO)

This form displays the geographic regions assigned to a source/background institution based on its address. **House Number** and **Street Line 4** were added to the address information displayed.

Data Display Mask Columns Form (GORDMCL)

This form's layout was changed to display longer values for Object, Block, and Item, in support of the new Self-Service masking functionality.

Data Display Mask Rules (GORDMSK)

This form's layout was changed to display longer values for Object, Block, and Item, in support of the new Self-Service masking functionality.

Installation Controls Form (GUAINST)

This form maintains overall system information for your institution. **Telephone Country Code** was added to the fields for the institution's telephone number. **House Number** and **Street Line 4** were added to the fields for the institution's address.

Forms from Other Banner Products

Several forms from other Banner products are delivered with Banner General 8.2 for this features. See [“Objects from Other Banner Products” on page 15](#).

Changed Reports and Processes

gppaddr.pc

This report now includes **House Number** and **Address Line 4** in its output.

2 Person Information - Technical



With Release 8.2, four new person information fields were added to several Banner forms. These fields were added to Banner tables in Release 8.0, and they are now being made accessible through the Banner user interface.

Objects from Other Banner Products

Special steps have been taken to avoid cross-product dependencies while delivering the four new person information fields in this release. This means that you can install Banner General 8.2 without being forced to upgrade other Banner products at the same time.

The Banner General 8.2 release includes several forms and other objects that belong to other Banner products.

As an example, the FOAIDEN form, part of Banner Finance, is one of the forms included with this General release. FOAIDEN is closely tied to the General library GOQCLIB, and changes to GOQCLIB to support the four new fields required that FOAIDEN be changed.

If you plan to upgrade Banner Finance immediately after upgrading Banner General, this “extra” delivery of FOAIDEN will have no impact at all. But if you don’t plan to upgrade Banner Finance immediately, the version of FOAIDEN delivered with this release will allow you to keep using that form.

For more information, see the *Banner General Upgrade Guide 8.2*.

The following table lists the objects from other Banner products that are delivered with Banner General 8.2.

Banner Product	Forms	Packages	C Processes
Advancement	APAIDEN		
	APANAME		
Finance	FOAIDEN	fokd_ftvvend1.sql	FGRPRAR
	FTMAGCY	fokb_vendor_r0.sql	
	FTMCUST	fokb_vendor_r1.sql	
	FTMFMGR	fokb_vendor0.sql	
	FTMVEND	fokb_vendor1.sql	
		fakb_invhead_r1.sql	
Position Control		nokmup1.sql	
		nokepa1.sql	
Payroll	PEA1PAY		
	PPAIDEN		
	PPATELE		
Student	SAAQUIK		
	SPAEMRG		
	SPAIDEN		
	SPATELE		
	SRAQUIK		

Changed Tables

Note

The four new fields were added to most Banner tables in Release 8.0. ■

STVSITE

House number was added to this table.

SPRIDEN

Three indexes for this table were updated to include last name prefix. The changed indexes are `spriden_key_index`, `spriden_index_search`, and `spriden_index_pers`.

Changed Views

SPVADDR

Last name prefix, house number, street line 4, and telephone country code were added to this view.

SPVADDS

Last name prefix, house number, and street line 4 were added to this view.

Changed APIs

The following APIs were changed to support the new person information fields.

- `gb_address`
- `gb_identification`
- `gb_telephone`
- `gb_emergency_contact`
- `gb_bldgdefinition`
- `gb_roomdefinition`
- `gp_cardholder`
- `gp_entity_address`
- `gp_person_identity`
- `gp_udc_user_provisioning`

Changed Libraries

GOQRPLS

GOQRPLS was modified to support masking of the new person information fields.

Changed Packages

GOKPAPI

Last name prefix was added to the `f_build_full_name` function.

GOKSELS

Last name prefix was added to the `f_name_bio_value` function.

House number, street line 4 and phone country code were added to the `f_address_telephone_value` function.

GSPSECR

Last name prefix was added to `g$_get_username_name`.

GUKCMR

A new function was added for translation to be called from GOQRPLS for name search matching.

Changed Functions

f_format_name (sufname.sql)

The `f_format_name` function, which concatenates a full name when needed, now includes the last name prefix as part of the full name, unless the last name prefix has been hidden by masking rules.

The function checks the GORDMSK masking rule for the object `**SSB_MASKING`, the block `F_FORMAT_NAME`, and the item `SPRIDEN_SURNAME_PREFIX`. If this rule exists, the **Visible** attribute controls whether the last name prefix is included in the concatenated full name. If no rule is found, then it is assumed that the last name prefix is visible. If the field is visible, and if a last name prefix exists for a given record, then the last name prefix will be included in the concatenated name, followed by a separator space and the last name.

 **Note**

In the special masking rule described above, **Visible** is the only masking attribute applied. You cannot use the **Conceal** attribute, apply a format mask, or use partial character masking in this rule. ■

New Scripts

 **Note**

Unless otherwise noted, new scripts are run as part of the upgrade process for a release. ■

gssmask.sql

The `gssmask.sql` script provides mass update capability for the masking rules that apply to the new person information fields. See the “Person Information - Functional” section for instructions for using this script.

Masking Rules Seed Data

Two scripts inserts seed data records to create masking rules for the new person information fields. A rule is delivered for each of the new fields in each Banner form or Self-Service page where it appears.

These rules can be updated manually on the GORDMSK form, or automatically by using the `gssmask.sql` script, to change the visibility of the new fields.

The following scripts insert records to create the new masking rules:

- `gordmcli_080200.sql` inserts seed data rows in the GORDMCL table
- `gordmski_080200.sql` inserts seed data rows in the GORDMSK table



3 Support for Oracle Database 11g - Technical



Overview

Release 8.2 is the first Banner release to offer support for Oracle Database 11g. Beginning with this release, Database 11g is officially supported, but is not required. Oracle Database version 10.2.0.3 is the minimum required for Banner 8.x.

For institutions migrating to Database 11g:

- Oracle Database 11g: version 11.1.0.7.0 is the minimum required
- Oracle Application Server: version 10.1.2.x is the minimum required. Version 10.1.2.3.0, with patch 1-3GSD7J applied, is recommended.
- Oracle Developer*Suite: version 10.1.2.x is the minimum required. Version 10.1.2.3.0 is recommended

The following are the minimum Banner releases needed for institutions migrating to Database 11g:

- Banner Advancement 8.2
- Banner Accounts Receivable 8.1
- Banner Document Management Suite 8.2
- Banner Finance 8.3
- Banner Financial Aid 8.4
- Banner General 8.2
- Banner Position Control 8.2
- Banner Human Resources 8.2
- Banner Student 8.2
- Banner Voice Response 8.0

For Banner Self-Service products, the following are the minimum releases needed:

- Banner Advancement Self-Service 8.3
- Banner Employee Self-Service 8.2
- Banner Faculty Self-Service 8.2
- Banner Finance Self-Service 8.0
- Banner Financial Aid Self-Service 8.4
- Banner Student Self-Service 8.2
- Banner Web General 8.2
- Banner Web Tailor 8.2

For other SunGard Higher Education products in the Banner Unified Digital Campus, versions supported with Database 11g will be listed in FAQ 1-4W1JEA.

Case-Sensitive Passwords

Oracle Database 11g supports case-sensitive passwords. This feature allows users to create stronger passwords that mix upper- and lowercase characters. Use of this feature is not required.

If you are migrating to Database 11g and want to take advantage of case-sensitive passwords in Banner, you must make the following settings:

- The initialization parameter `SEC_CASE_SENSITIVE_LOGIN` must be set to *TRUE*.
- You must create an Oracle*Forms environment variable, `FORMS_USERNAME_CASESENSITIVE` and set its value to *1* (the number one).

Note

Environment variable `FORMS_USERNAME_CASESENSITIVE` is available only when using Application Server version 10.1.2.2 or higher. ■

Changed Forms

The following forms were modified in this release to support case-sensitive passwords for institutions that choose to use this feature. These modified forms now support either option: case-sensitive passwords or case-insensitive passwords.

- Oracle/Banner Security Maintenance (GSASECR)
- Oracle Password Change (GUAPSWD)
- Alternate Logon Verification (GUAUIPW)

- Banner Initialization (GUAINIT)

Changed Packages

The GSPSECR package was modified to accommodate password changes in connection with Database 11g. Changes were also made in response to RPE 1-100BVT.

Issues with Database 11g

There are several known issues and concerns that you should review before proceeding with a migration to Oracle Database 11g. These issues are outlined in *FAQ 1-4W1JEA, Banner and Oracle Database 11g*. The FAQ will be updated as new issues are discovered and new solutions are found. Highlights of known issues are described below.

Banner Incompatibilities

Some Banner objects have known issues or defects under Database 11g. These issues have been corrected in the objects' respective June 2009 releases. For more information on these issues, see FAQ 1-4W1JEA. The FAQ includes options for temporary workarounds and paper fixes that you can use before installing the releases with the corrected objects.

- Package PWFKTDEL (pwfktDEL.sql) causes compile errors in 11g.
- Banner Finance form FFAADJF produces an Oracle error, caused by package FFKATAS (ffkata1.sql).
- Four Banner Human Resources forms cause compile errors in 11g, because of an issue with package NBKENCM.
- Banner Financial Aid form RPEPELL produces a *numeric or value* error in 11g, because of an issue in COBOL copybook UCPDECL.
- Four forms cause errors in 11g only when using the case-sensitive password feature. These forms have been modified and redelivered with Banner General 8.2. For more information see the “Case-Sensitive Passwords” topic above.

Platform Issues

There are several known issues with Oracle Database 11g on various platforms. Further details of these issues can be found in FAQ 1-4W1JEA.

- An Oracle error occurs on startup in certain Linux platforms with Oracle Database 11.1.0.7. This issue is Oracle Bug 7272646.

- With Application Server version 10.1.2.3.0 and the UTF-8 character set, text may be replaced by the pound sign (#) under some circumstances. This issue is Oracle Bug 7126045: Oracle Patch 5983622 resolves the problem.
- Banner Java code references to `ojdbc14.jar` and `classes12.zip` no longer exist in the Oracle 11g (11.1.0.7.0) default location `$ORACLE_HOME/jdbc/lib`. This problem is partially resolved through changes to shell scripts files; the modified files are delivered with Banner HR 8.2, Banner Student 8.2, and Banner Financial Aid 8.4.2. A workaround is available for the other affected object, script file `GURPDJAR`. This issue is Defect 1-5I381L.
- Luminis single signon (SSO) was impacted by a behavior change of Database 11g related to the password column in `DBA_USERS`. This problem was resolved through changes to objects `gokcss1.sql` and `gspsecl.sql` delivered with Banner General 8.2.
- Depending on your platform, Oracle's prerequisites may require an operating system upgrade before installing Database 11g.
- Oracle error `ORA-24247` may be encountered when sending e-mails after upgrading to Database 11g. Instructions for resolving this issue are found in FAQ 1-4W1JEA.

Change in Default Role Behavior

With Database 11g, Oracle has changed the way that default roles can be used in connection with database security. Roles that are password-encrypted, such as the `BAN_DEFAULT_CONNECT` role, cannot be assigned as a user's default role. This issue is described in Defect 1-5DG7XF, which lists two possible workarounds for this issue. For more information, refer to FAQ 1-5BWTYS and Oracle Metalink Note 745407.1.

4 Miscellaneous Enhancements



U.S. Armed Forces Medal Information

You can now record the status of U.S. armed forces veterans who have been awarded medals of honor.

A new field was added to the U.S. Veterans categories on Banner identification forms to identify veterans who are medal recipients. Institutions will be able to capture this information for their constituents as necessary. This information might be reported to the U.S. Department of Labor in the institution's annual Report on Veteran's Employment (the VETS-100 or VETS-100A).

Changed Table: SPBPERS

The Armed Forces Service Medal Indicator was added to the SPBPERS table.

Changed Library: GOQCLIB

A new check box, **Armed Forces Service Medal Indicator**, was added to GOQCLIB, a library that supports Banner identification forms. The new field will appear in the Biographical window of forms supported by GOQCLIB, including SPAIDEN, APAIDEN, FOAIDEN, and PPAIDEN.

Changed API: gb_bio

The gb_bio API was updated to handle the new **Armed Forces Service Medal Indicator** field.

Searching for Names That Include Accented Characters

Extended ID/name search now offers better support for names that include accented characters and other special characters. This change applies to extended Latin characters that are considered altered forms of baseline Latin characters, as, for example, *Á* and *Ã* are considered altered forms of *A*.

Names that include extended characters are returned in search results when you search for names with the related baseline character. For example, if you search for the last name *Adams*, the search would return records containing *Adams* and *Ádams*.

If your search criteria include extended characters, names with related baseline characters are also returned. For example, if you search for the last name *Ádams*, typing the extended character *Á*, the search would return records containing *Adams* and *Ádams*.

The table below lists the capital versions of the characters that are treated as extended characters for this feature. Extended search is not case-sensitive in Banner, so the lower-case version of each of these extended characters corresponds to a baseline character in just the same way.

Extended Character	Description	CHR(x)	Baseline Character
À	LATIN CAPITAL LETTER A WITH GRAVE	50048	A
Á	LATIN CAPITAL LETTER A WITH ACUTE	50049	A
Â	LATIN CAPITAL LETTER A WITH CIRCUMFLEX	50050	A
Ã	LATIN CAPITAL LETTER A WITH TILDE	50051	A
Ä	LATIN CAPITAL LETTER A WITH DIAERESIS	50052	A
Å	LATIN CAPITAL LETTER A WITH RING ABOVE	50053	A
Æ	LATIN CAPITAL LETTER AE	50054	A
Ç	LATIN CAPITAL LETTER C WITH CEDILLA	50055	C
È	LATIN CAPITAL LETTER E WITH GRAVE	50056	E
É	LATIN CAPITAL LETTER E WITH ACUTE	50057	E
Ê	LATIN CAPITAL LETTER E WITH CIRCUMFLEX	50058	E
Ë	LATIN CAPITAL LETTER E WITH DIAERESIS	50059	E
Ì	LATIN CAPITAL LETTER I WITH GRAVE	50060	I
Í	LATIN CAPITAL LETTER I WITH ACUTE	50061	I
Î	LATIN CAPITAL LETTER I WITH CIRCUMFLEX	50062	I
Ï	LATIN CAPITAL LETTER I WITH DIAERESIS	50063	I
Ñ	LATIN CAPITAL LETTER N WITH TILDE	50065	N
Ò	LATIN CAPITAL LETTER O WITH GRAVE	50066	O
Ó	LATIN CAPITAL LETTER O WITH ACUTE	50067	O
Ô	LATIN CAPITAL LETTER O WITH CIRCUMFLEX	50068	O
Õ	LATIN CAPITAL LETTER O WITH TILDE	50069	O
Ö	LATIN CAPITAL LETTER O WITH DIAERESIS	50070	O
Ø	LATIN CAPITAL LETTER O WITH STROKE	50072	O

Extended Character	Description	CHR(x)	Baseline Character
Ù	LATIN CAPITAL LETTER U WITH GRAVE	50073	U
Ú	LATIN CAPITAL LETTER U WITH ACUTE	50074	U
Û	LATIN CAPITAL LETTER U WITH CIRCUMFLEX	50075	U
Ü	LATIN CAPITAL LETTER U WITH DIAERESIS	50076	U
Ý	LATIN CAPITAL LETTER Y WITH ACUTE	50077	Y

Banner Student Aid for Canada

This release includes changes to support a new web role for the Banner Student Aid for Canada product. The new *BSAC* web role is intended to give applicants access to the Banner Student Aid for Canada self-service pages. For details, see the *Banner Student Aid for Canada Release Guide 8.0*.

Changed Forms

In support of this new web role, three General forms were changed.

Address Roll Privileges Form (GOAADRL)

In GOAADRL, the *Student Aid for Canada* selection was added to the pull-down list for the **Role** field.

Directory Options Rules Form (GOADIRO)

In GOADIRO, the *Student Aid for Canada* selection was added to the pull-down list for the **Display in Directory** field.

Web User Directory Profile Form (GOADPRF)

GOADPRF now recognizes an ID as valid if the only role assigned to it is the BSAC Web role.

Changed Views

The following view was changed.

GOVROLE View

The GOVROLE_BSAC_IND column was added to this view to support the new BSAC Web role.

Banner Version and Patch Information

General 8.2 includes a new form that displays release version information and patch information for all Banner products installed. This change was made in response to RPE 1-2FVO7N.

New Form

Display Banner Versions and Patches (GUIVERS)

GUIVERS is a display-only form that displays version and patch information, including localization updates for releases from SunGard Higher Education Solutions Centers. This form allows you to easily check your installed product versions and patches.

The **Banner Versions** window on GUIVERS displays version information from the `VERSION_TABLE` table. The **Patches** window displays patch information from the `GURPOST` table.

You can access GUIVERS directly, and it is also accessible through the About Banner form (GUAABOT) or the Installation Controls Form (GUAINST). On either form, click the **Display Installed Patch Information** button to display the GUIVERS form.

Changed Forms

About Banner (GUAABOT)

This form has a new **Displayed Installed Patch Information** button that enables navigation to the new GUIVERS form.

Installation Controls (GUAINST)

This form has a new **Displayed Installed Patch Information** button that enables navigation to the new GUIVERS form.

Distributed Security

New Script

A new script, `gchkgrants.sql`, is provided to help maintain distributed security accounts (BANSECR* users). You can run `gchkgrants.sql` after each Banner General upgrade to analyze distributed security accounts. The script will detect any missing grants and

optionally update the grants for the accounts. This change was made in response to RPE 1-43UCFC.

 **Note**

This script should be run after the Banner General 8.2 upgrade, because several new grants have been added for this release. ■

Changed Forms

The Distributed Security User Maintenance Form (GSADSUM) has been enhanced to offer a function similar to that provided by the new gchkgrants.sql script. When you click the **Analyze this Distributed Security User** button, the **Messages** window will indicate any missing grants for the user.

Also on GSADSUM, the sort order on the Distributed User Grants window was changed to make the information easier to browse. The records' sort order priority now matches the order that the fields appear onscreen: **Action, Priv/Role/Object, User/Role/Object, and Object/Role/User/Option.**

A misspelled word was corrected on the Banner Distributed Security Form (GSADSEC).

WebUtil

WebUtil is a program that supports the ability to write data extract files to a Banner user's desktop. If you are upgrading to Oracle Application Server 10.1.2.3, you must make a change to your WebUtil setup. This change involves frmwebutil.jar, an Oracle JAR file that supports WebUtil.

Oracle's frmwebutil.jar was delivered in Banner General 7.3 under the name banwebutil.jar. If you are configuring WebUtil with Oracle Application Server 10.1.2.3, you cannot use the previous banwebutil.jar file. Instead, you should obtain and install Oracle's new version of frmwebutil.jar.

Refer to Oracle documentation to get the correct version of frmwebutil.jar for your current version of Oracle Application Server.

This change is in response to RPE 1-3MWJWO.

SunGard Branding and Copyright Changes

Some objects were changed in this release in order to conform with SunGard Higher Education's current branding standards and to display updated copyright statements. For example, new copyright statements appear in the following forms:

- Banner Initialization (GUAINIT), which appears briefly after login before the Banner menu appears
- About Banner (GUAABOT)

5 Problem Resolutions



This section lists the problem resolutions included in Release 8.2. For details about a problem resolution, refer to the general80200resolutions.txt file that accompanies this release.

Summary of Problem Resolutions

Object	Defect #	Summary
api70300dg.pdf	1-2A6WAQ	Defect #1-2A6WAQ - Problem with API naming convention Documentation - api70300dg.pdf
banc10g.tpl	1-43PLA5	Banner 8 banc10g.tpl missing equal sign on OTHER_C_FLAGS line
Banner General API Developer Guide (Release 8.0 June 2008)	1-41YO3O	Documentation - typo- Banner General API Developer Guide
common_resources.xsd	1-46WCJX	Make the corresponding changes to SubscriberNumber and LegalName to support Banner table changes
DOC	1-4APGAF	Defect 1-4APGAF- Documentation typo with Audit Oracle Logon and Audit Oracle Logoff
Field sizes	1-4L0B08	Defect -1-4L0B08- GP_INTERNATIONAL_STUDENT errors when running the fsaATLAS Data Integration Tool
geafunc.fmb	1-4301AP	Date format issue (i18n)
geatask.fmb, glaextr.fmb	1-2T445W	ID/Name Extended search window does not open when same SSN/SIN/TIN exists on multiple IDs.
General TRM and Online Help GJAPCTL	1-28DGU3	Documentation defect: Explain FRM-47013 from GJAPCTL when running Oracle reports.
gjadef.fmb	1-3QY1X4	GJBPDEF_LENGTH needs error message - FRM-40207: must in range 1-99

Object	Defect #	Summary
GJASWPT	1-2NBJNL	Problem with GJASWPT and Printer names with the "_" character causing incorrect data updates
gjbpdefu_080200.sql	1-2E17RB	Job submission parameters of type integer and number conversion for international Banner
gjbpdefu_080200.sql	1-3QDL1I	Typo in GJBPDEF_HELP_TEXT for SRTLOAD
gjrrpts.pc	1-3WMG5Y	Banner 8 C process GJRRPTS results in Segmentation Fault (core dumped) when run for long job desc
GLBLSEL	1-35K92S	GLBLSEL - the output of the log file displays upside down ? when attempting to display UTF8 chars
GLBLSEL	CMS-DFCT58950	GLBLSEL may error when letter code has several variables in it Defect 58950 Several...see note...
GLBLSEL.pco	1-3IOXPG	GLBLSEL no longer produces INSERTS with Parameter 12 = Y
GLRLETR	1-3V39BR	GLRLETR documentation of the Sort Variable parameter and possible duplicate letters
glrslet	1-1AD9XI	I18N bug in glrslet
goafgac.fmb	1-43RYMJ	Defect 1-43RYMJ - FRM-40105 and FRM-41058 being received on GOAFGAC
goaintl	1-4FLWX5	Defect 1-4FLWX5- Deletion of an ID's detail on GOAINTL doesn't delete from the table GOBINTL
GOAMTCH	1-2VR4VV	GOAMTCH - Match tab doesn't display address types.
goamtch.fmb	1-43RRVA	GOAMTCH/SHAEDIS **ERROR** This ID already exists as an SSN/SIN/TIN
goaqstn.fmb	1-41BD42	fields missing 'implementation class' property 'com.sct.banner.forms.ui.BannerCharField'
goasdm	1-2YNU1O	navigation to the precision field is not correct
goatpad.fmb	1-4GW6T9	GOATPAD not date ripped
GOKB_ADDRESS1 GOKSSS1	1-1ADCPZ	I18N bug in GOKB_ADDRESS1 GOKSSS1

Object	Defect #	Summary
gokb_classtimes1.sql, gokb_classtimes_r1.sql	1-4GOGVS	SSRROLL is not rolling the Hours Per Week.
gokb_race_ethn1.sql	1-3DISBD	Missing g\$ and US centric contents
gokb_third_party_a1.sql	1-47L4UK	Third party History (GORPAUD_EXTERNAL_USER) is not being updated if GENPIN flag pin encry
gokcmpk1.sql	1-414BW9	8.X Common Matching performance problem with package gokcmpk1.sql
GOKISQL1.sql	1-3E01DV	Problem with GORRSQL and UNION, INTERSECTION, MINUS getting ORA-00904 - GOKISQL
goklib1.sql	1-45BX71	goklibs.F_GenRandChar is not generating true random character strings
gokp_cardholder0.sql gokp_cardholder1.sql gcallsynccardholders.sql	1-46C8MJ	New API is added to handle SyncEligibleCarholders process
gokp_cardholder1.sql	1-4UHIWP	gp_cardholder does not populate the MealPlanAssignment\@id attribute.
gokp_person_identity1.sql	1-4Y82IJ	Process API does not filter or sort results like GOAMTCH.
gokp_udc_user_ident1.sql, gokp_ident_handler1.sql	1-50K2M9	Modify the f_lookup_user function to also return UDCIdentity Extension attributes if they exist.
gokrsq1.sql	1-4HEWB4	GORRSQL errors with - ORA-01008 not all variables bound - resulting from package GOKRSQL
gokrsq1.sql	1-4VOTUE	GORRSQL errors with - ORA-01008 not all variables bound - resulting from package GOKRSQL
GOKRSQL	1-50XQCO	Validation problems on GORRSQL 8.1.1 (ORA-01460-Unimplemented or Unreasonable Conversion)
goksel1.sql	1-3ISWMV	Outer joins removal
goqclib.fmb	1-4MS7U7	Description disappears on SPAEMRG for Relationship and Address Type fields.

Object	Defect #	Summary
goqclib.fmb, goqrpls.pll, spaiden.fmb	1-3JALZV	Defect #1-3JALZV - Masking SPAIDEN Prefix and Full Legal Name and getting FRM-41033 Cannot set ENABL
goqolib.fmb	1-1F2IDR	The MDI title Bar is including the number of open forms and it should not
goqolib.fmb	1-2JGIPB	STVACTC_LOV needs readable column headers.
goqrpls.pll	1-31O4PW	1-31O4PW - Problem with F5 and rollback
goqrpls.pll	CMS-DFCT81073	Double-clicking on an invalid date field brings up GUACALN with error defect 81073
gordmcl.fmb	1-2V45D0	Trying to MASK item with length longer then 999 results in error FRM-40207:Must be in range 0 to 999
gordmsk.fmb, gordmcl.fmb	1-3CU2IB	1-3CU2IB - Masking issues
gsasecr.fmb	1-4QPU5R	GSASECR create user is failing to assign the correct non-DEFAULT Oracle Profile
gsasecr.fmb	1-4TXWMF	GSASECR password change results in - ERROR Unsupported character in the password
gsasecr.fmb, goaeacc.fmb	1-4B5A6W	GSASECR delete user - FRM-40735 WHEN-BUTTON-PRESSED trigger raised unhandled exception ORA-2292
gsasecr.fmb, gsadsum.fmb	1-42ZO7O	Defect 1-42ZO7O -when creating new users GSASECR does not allow passwords to be all numeric
gspsecr.sql	1-477U5S	Problem with Oracle Logoffs trigger GT_LOGOFF_AUDIT_ACCESS - ORA-00060 Deadlock detected
gspsecr.sql	1-4KG6O5	Defect 1-4KG6O5- Distributed Security User errors when attempting to grant an object it does not own
gssvpdi.sql	1-3Z02EE	Defect 1-3Z02EE - Only BANSECR should be allowed access to GSAVPDI
gtvsdax.fmb Handbook	1-3AP0GF	Documentation defect: GTVSDAX record PIPETIME, PIPETIMEOUT is not in the GTVSDAX handbook

Object	Defect #	Summary
guagmnu.fmb	1-4X1CA2	Defect 1-4X1CA2 -Issues with menus *HOUSING and *HOUSCONTROL
guamesg	1-4TQT8D	Defect 1-4TQT8D, GUAMESG get 'ERROR* Only Sender or Recipient may update
guaorac2.pc	1-54F76T	Invalid Months when running report with date format other than DD-MON-RRRR
guapara.fmb	1-3L2GAM	GUAPARA documentation clarification
GUAQUIK	1-4AA4OW	Defect 1-4AA4OW, When adding new forms to existing Quickflow on GUAQUIK, the order is not saved
gubobjsu_080200.sql	1-498K1R	Defect 1-498K1R Missing AR submenus when Banner finance is not licensed
guialti.fmb	1-4Q7X63	GUIALTI query on partial Birthdate results in FRM-50026: Date must be entered in a format like DD-MO
guralgn_080200_01.sql	1-40WUCS	Logon error ORA-01400: cannot insert NULL into ("BANSECR"."GURALGN"."GURALGN_PROCESS")
gurdetl.pc	LN55-0001-1781	GURDETL page breaks and control information are not correct
gurhelp	1-3ZUQ8W	C reports I18N issue to be reviewed/fixd
gurinso.pc	1-42W01Z	Banner 8 GURINSO incorrectly loads the GLRLETR DOC file with variables that return multiple values
gurirol.pc	1-1QD422	Defect #1-1QD422 - GURIROL needs documentation explaining the "Overall" results displayed in log fil
gurirol.pc	1-43H850	Running GURIROL 8.0 on Windows results in *ERROR* Cannot open file: aborting job - gurirol terminate
gurjobs.pc	1-573AW6	ICU on VMS - C compile warning message when compiling gurjobs.pc.
guruclsi_080200.sql	1-4O2SI1	Banner Full install fails to enroll BANSECR userid into the class BAN_FULL_SECURIT

Object	Defect #	Summary
gutgmnu.fmb	1-HBN4V	Can the left block not requery when moving the menu selected to the right?
gutuprf0.sql	1-3PDGRC	Banner INB LDAP SSO SSL "Access Denied" error message in the browser
GXADIRD	1-3VP2NR	GXADIRD allows orphaned address types and sequence numbers - causing Invalid Address error
job.c	1-50H7ER	Job.c lib has international localization code that needs to be removed.
Menu - gukmen1.sql	1-4J5CU7	Banner 8 menu corruption causing missing items and submenu with certain system codes
midtier70500im.pdf	1-31UU26	Documentation midtier70500im.pdf needs to mention the Web Tailor LDAP parameters
Online Help and General User Guide: GTVLETR	1-2RVNGQ	Defect #1-2RVNGQ - GTVLETR_PRINT_COMMAND documentation issue
See Resolution for list of objects	1-10J0DX	When performing an insert/update, the API populates P_FGAC_USER_ID with the 'activity user'
See Resolution for List of Objects	1-46509B	SDE does not change when scrolling through records
spaemrg.fmb, goqclib.fmb	1-49R62P	Errors on SPAEMRG Address query
spaiden.fmb	1-4NTK62	GOAMTCH allows creation of bad ID with use of 'NEXT' key word as value
spridenu_080101.sql	1-44AGOP	Related to 1-2YT4AP - script needed to convert existing records
User Guide	1-2DLJVV	RORVIEW type variables which reference ROVTRMG or ROVSTDD are not extracted by GLBLSEL.
User Guide	1-41D6WX	Module code documentation clarification.

Object	Defect #	Summary
User Guide	1-5D4HOV	Documentation defect - Address Line 1 is not required in SPAIDEN - API GB_ADDRESS
User Guide and Online Help %IDEN	1-225OWE	Defect #1-225OWE- Documentation Clarification for Address - Telephone connection and inactivation

