

BANNER GENERAL RELEASE GUIDE

Release 8.5
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Introduction

This release guide documents Release 8.5 of Banner® General. Release 8.5 includes enhancements and problem resolutions included in release 8.4.2.1.

- Proxy Access
- File Upload Utility
- Desktop Tools

Note

General 8.4.2.2 (rpe1-sx62dj_gen8040202) modifications are not included in the General 8.5 release. If you have previously installed General 8.4.2.2, after installing the General 8.5 release you will need to apply patch p1-10yqnu7_gen8050001.

Patch p1-10yqnu7_gen8050001 is only needed if you have previously installed General 8.4.2.2. ■

Enhancements for 8.5

This document describes the following enhancements, which are new for Release 8.5.

Proxy Access

Proxy Access allows constituents to set up access to designated Self-Service Banner pages and specify what activities a proxy user can perform. Please refer to the *Proxy Access Handbook* for more information on using this feature.

File Upload Utility

The File Upload Utility allows you to upload files from your computer to the Banner database server for use as input to jobs run via Job Submission. The File Upload Utility eliminates the need for you to FTP files to Banner and have an account on the Banner server. Please refer to the *File Upload Utility Handbook* for more information on using this feature.

Desktop Tools

Banner Desktop Tools has been enhanced to resolve defect CMS-DFCT58238.

Cumulative Documentation

This document provides detailed information about the Banner General 8.5 release only. Banner General 8.5 is a cumulative release that also includes enhancements, RPEs, and problem resolutions delivered in the General 8.4.2.1 release. For complete documentation about this interim releases, please refer to the interim release guide identified in the table that follows.

| Release Number | Contents | Release Date |
|-----------------------|---|---------------------|
| 8.4.2.1 | bannersso_weblogic.jar,sbannersso_weblogic.jar, basejpi_sso_weblogic.htm,webutiljpi_sso_weblogic. htm | September 2011 |

1 Proxy Access - Functional



Proxy Access allows constituents to set up access to designated Self-Service Banner pages and specify what activities a proxy user can perform. Please refer to the *Proxy Access Handbook* for more information on using this feature.

Requirements



In order to use Proxy Access, your institution must have installed:

- Banner General 8.5
- Banner Web General 8.5
- Web Tailor 8.5
- Banner Student 8.2 or greater
- Banner Advancement 8.2 or greater - optional

New forms



The following new forms are available:

Proxy Access Communication Rule Form (GERCOMM)

Allows you to maintain communication configuration information.

Proxy Access Data Option Rules Form (GERPRXY)

Allows you to connect relationship types to the system, establish rules for loading data, and, optionally, establish relationship-level defaults for system options.

Proxy Access Administrative Form (GPAPRXY)

Allows you to audit proxy activity for a person.



Potential Banner Person Detail Form (GRAPREL)

Allows you to view the data that is available for a new proxy user, including information about the proxy and what data should be loaded into Banner for the proxy.

Potential Banner Person Inquiry Form (GRIPREL)

Allows you to match and load data into Banner that is associated with a new proxy user.

Proxy Access Communication Type Validation Form (GTVCTYP)

Allows you to maintain communication types.

Proxy Access Data Type Validation Form (GTVDTYP)

Allows you to maintain data types for data loading.

Proxy Access Option Type Validation Form (GTVOTYP)

Allows you to maintain option types.

Proxy Access Relationship Type Validation Form (GTVRETP)

Allows you to maintain relationship types.

Proxy Access System Code Validation Form (GTVSYST)

Allows you to maintain system types.

2 Proxy Access - Technical

New Tables

GEBCOMM

Rule table to specify the legal combinations of system and communication types.

GEBSRTP

Rule table to specify the legal combinations of system and record types.

GENBPSH

General Person Banner push flags.

GENIDEN

General Person matching data, entered from various sources.

GERCOMM

Rule table to specify the legal combinations of system, communication types, and record types.

GERLOAD

Rule table to specify the legal combinations of system, record types, and Banner data to be created.

GEROPTS

Optional user fields to be set for each system/record type.

GPBELTR

Communications that have been sent.

GPBPRXY

Proxy base table.

GPRAUTH

Student/Proxy authorization table.

GPRHIST

Student/Proxy history table.

GPRXREF

Student/Proxy cross-reference table.

GRTSRIN

GRTSRIN Output Organization Table.

GTVCTYP

Communication types that a system may want to send.

GTVDTYP

Data type within Banner to populate from the General tables.

GTVOTYP

Rule table to specify the legal combinations of system and option types.

GTVRETP

Record type within a system that is using the General tables.

GTVSYST

Systems that are using the General tables.

New Banner View

GOVELTR

The GOVELTR view contains data elements that can be used in e-mail messages. This view is driven by GPBELTR.

Changed Menu

A new menu has been added to hold the Proxy Access forms, both new forms created for this project as well as existing forms that are used for configuration. This new menu (*GENPROXY) can be found in the System Functions/Administration sub-folder of the General folder.

New Packages/Procedures

GORSRIN

Generic interface for matching and loading into general person.

GOKADVC

Package to dynamically load Advancement data in the push process.

GOKEMAL

General package to facilitate e-mail functions.

GOKPRXY

Enables GPAPRXY form to dynamically inquire into Web Tailor tables.

New APIs

All Proxy Access tables have the `gp_tablename` API for `P_Create`, `P_Update`, and `F_Query_One`.

`gb_gpbprxy`

Standard functions and procedures for the Proxy base table.

`gb_gtvctyp`

Standard functions and procedures for communication types that a system may want to send.

`gb_gtvdtyp`

Standard functions and procedures for data types within Banner to populate from the General tables.

`gb_gtvotyp`

Standard functions and procedures for the Rule table to specify the legal combinations of system and option types

`gb_gtvretp`

Standard functions and procedures for record types within a system that is using the General tables.

`gb_gtvsys`

Standard functions and procedures for systems that are using the General tables.

`gp_gebcomm`

Common Business interface for the GEBCOMM API (`gp_gebcomm`).

`gp_gebcomm_rules`

Support subprograms for the GEBCOMM API (`gp_gebcomm`).

gp_gebcomm_strings

Error messages and error message functions for the GEBCOMM API (`gp_gebcomm`).

gp_gebsrtp

Common Business interface for the GEBSRTP API (`gp_gebsrtp`).

gp_gebsrtp_rules

Support subprograms for the GEBSRTP (`gp_gebsrtp`).

gp_gebsrtp_strings

Error messages and error message functions for the GEBSRTP API (`gp_gebsrtp`).

gp_genbpsh

Common Business interface for the GENBPSH API (`gp_genbpsh`).

gp_genbpsh_rules

Support subprograms for the GENBPSH (`gp_genbpsh`).

gp_genbpsh_strings

Error messages and error message functions for the GENBPSH API (`gp_genbpsh`).

gp_geniden

Common Business interface for the GENIDEN API (`gp_geniden`).

gp_geniden_rules

Support subprograms for the GENIDEN API (`gp_geniden`).

gp_geniden_strings

Error messages and error message functions for the GENIDEN API (`gp_geniden`).

gp_gercomm

Common Business interface for the GERCOMM API (`gp_gercomm`).

gp_gercomm_rules

Support subprograms for the GERCOMM API (`gp_gercomm`).

gp_gercomm_strings

Error messages and error message functions for the GERCOMM API (`gp_gercomm`).

gp_gerload

Common Business interface for the GERLOAD API (`gp_gerload`).

gp_gerload_rules

Support subprograms for the GERLOAD API (`gp_gerload`).

gp_gerload_string

Error messages and error message functions for the GERLOAD API (`gp_gerload`).

gp_geropts

Common Business interface for the GEROPTS API (`gp_geropts`).

gp_geropts_rules

Support subprograms for the GEROPTS API (`gp_geropts`).

gp_geropts_strings

Error messages and error message functions for the GEROPTS API (`gp_geropts`).

gp_gpbeltr

Common Business interface for the GPBELTR API (`gp_gpbeltr`).

gp_gpbeltr_rules

Support subprograms for the GPBELTR API (`gp_gpbeltr`).

gp_gpbeltr_strings

Error messages and error message functions for the GPBELTR API (`gp_gpbeltr`).

gp_gpbprxy

Common Business interface for the GPBPRXY API (`gp_gpbprxy`).

gp_gpbprxy_rules

Support subprograms for the GPBPRXY API (`gp_gpbprxy`).

gp_gpbprxy_strings

Error messages and error message functions for the GPBPRXY API (`gp_gpbprxy`).

gp_gprauth

Common Business interface for the GPRAUTH API (`gp_gprauth`).

gp_gprauth_rules

Support subprograms for the GPRAUTH API (`gp_gprauth`).

gp_gprauth_strings

Error messages and error message functions for the GPRAUTH API (`gp_gprauth`).

gp_gprhist

Common Business interface for the GPRHIST API (`gp_gprhist`).

gp_gprhist_rules

Support subprograms for the GPRHIST API (`gp_gprhist`).

gp_gprhist_strings

Error messages and error message functions for the GPRHIST API (`gp_gprhist`).

gp_gprxref

Common Business interface for the GPRXREF API (`gp_gprxref`).

gp_gprxref_rules

Support subprograms for the GPRXREF API (`gp_gprxref`).

gp_gprxref_strings

Error messages and error message functions for the GPRXREF API (`gp_gprxref`).

gp_gtvctyp

Common Business interface for the GTVCTYP API (`gp_gtvctyp`).

gp_gtvctyp_rules

Support subprograms for the GTVCTYP API (`gp_gtvctyp`).

gp_gtvctyp_strings

Error messages and error message functions for the GTVCTYP API (`gp_gtvctyp`).

gp_gtvdtyp

Common Business interface for the GTVDTYP API (`gp_gtvdtyp`).

gp_gtvdtyp_rules

Support subprograms for the GTVDTYP API (`gp_gtvdtyp`).

gp_gtvdtyp_strings

Error messages and error message functions for the GTVDTYP API (`gp_gtvdtyp`).

gp_gtvotyp

Common Business interface for the GTVOTYP API (`gp_gtvotyp`).

gp_gtvotyp_rules

Support subprograms for the GTVOTYP API (`gp_gtvotyp`).

gp_gtvotyp_strings

Error messages and error message functions for the GTVOTYP API (`gp_gtvotyp`).

gp_gtvretp

Common Business interface for the GTVRETP API (`gp_gtvretp`).

gp_gtvretp_rules

Support subprograms for the GTVRETP API (`gp_gtvretp`).

gp_gtvretp_strings

Error messages and error message functions for the GTVRETP API (`gp_gtvretp`).

gp_gtvsys

Common Business interface for the GTVSYST API (`gp_gtvsys`).

gp_gtvsys_rules

Support subprograms for the GTVSYST API (`gp_gtvsys`).

gp_gtvsys_strings

Error messages and error message functions for the GTVSYST API (`gp_gtvsys`).



Changed APIs

gp_gorrsql

Added `f_execute_rule(process,rule,pidm)` to execute a single rule within a process.

New Process

GORSRIN - Match & push data in the temporary General Person tables

External Proxy Access data is loaded into temporary tables (GENIDEN and GENBPSH). The GENIDEN row will hold the information for the person; this may be associated with multiple GENBPSH rows. Each of the GENBPSH rows will detail, for a specific type of data, the current status of the load.

3 File Upload Utility - Functional



RPE CMS-RPE45952

The File Upload Utility allows you to upload files from your computer to the Banner database server for use as input to jobs run via Job Submission. The File Upload Utility eliminates the need for you to FTP files to Banner and have an account on the Banner server.

Software requirements



To use the File Upload Utility, you must have the following software installed:

- Banner General 8.5
- Web Tailor 8.5

New form



The following new form is delivered with Banner General 8.5.

File Upload Utility (GUAUPLP)

The File Upload Utility (GUAUPLP) form allows you to specify the file and file location that you would like to upload to a specified directory on the Banner database server.





4 File Upload Utility - Technical

New table

The following new table is delivered with Banner General 8.5.

GURUPLD table

The GURUPLD table, delivered with Banner General, is used by Oracle to transfer the contents of a user file to a BLOB. The definition of this table is dictated by Oracle and even though it has a standard Banner name, the columns are pre-determined. Therefore, the table will not have some standard Banner columns, including the following:

- GURUPLD_USER_ID
- GURUPLD_DATA_ORIGIN
- GURUPLD_ACTIVITY_DATE

Additionally, the column names will not be prefaced by the name of the table.

 **Note**

The GURUPLD table cannot be used in Multi-Entity Processing nor may it be run thru the Banner Database Extension Utility (DBEU). ■



5 Desktop Tools - Functional

Banner Desktop Tools has been enhanced to resolve defect CMS-DFCT58238. The defect was generated because with most installations of Banner Desktop Tools the database connection information was added to a modified DLL, a process that required Microsoft Visual Basic 6.0 which is no longer supported by Microsoft. The GODDTOP.DLL source file was being modified to apply Banner role security to Desktop Tools by including site-specific database seed number definitions during the setup and installation of Desktop Tools.

Note

The Spreadsheet Budgeting application with Desktop Tools allows Banner users to access their data from a PC application such as Microsoft Excel. Desktop Tools contains a Dynamic Link Library (DLL) file and Microsoft Visual Basic runtime files. Together the files accomplish the interconnection between the Banner database and PC applications. ■

With this release the custom seed numbers and the database definitions are now stored in an encrypted configuration file updated by system administrators. A new simple-to-use configuration tool GODDTOPConfig.exe has been added to maintain the encrypted file. The Desktop Tools version 8.5 GODDTOP.DLL file no longer requires compilation using VB 6.0 to add custom database connection information as with prior versions of Desktop Tools.

Upgrading from prior versions of Desktop Tools

This enhancement relates to the installation process only and there are no changes to the use of the Spreadsheet Budgeting application itself. Each Client PC can connect with a different DLL and a different configuration file, and there is currently no need to re-install Desktop Tools for a client PC with a modified or unmodified DLL from a prior version.

Client PC's with a Desktop Tools version installed prior to Desktop Tools 8.5 may continue to use Spreadsheet Budgeting with modified DLL's for controlled access even as other PC's install the 8.5 version using a separate configuration file.

Implementation specialists or DBAs can still create their own Add-In applications using Visual Basic and the Banner General forms delivered for the Desktop Tools product. The Visual Basic source code also includes a small utility ToolsUpdate that can be used when custom applications require changes to the baseline DLL. ToolsUpdate performs registry

updates on client PC's if there are changes to the GODDTOP.DLL file, but the tool is no longer needed with the baseline Desktop Tools application.

Minimum System Requirements

To ensure the successful implementation of Desktop Tools, the following software must be installed for each client PC:

- Microsoft Windows 2000 or higher
- Microsoft Excel 32-bit version supported for the applicable Windows operating system
- Oracle Net8 Client Software or greater (32-bit)

This is required for any application like Desktop Tools to communicate with the Oracle database.

Note

Refer to FAQ 1-10RRQH6 for additional information about Desktop Tools and system compatibility. ■

Desktop Tools Configuration

The following steps are performed by system administrators before installation can begin on client PC's:

- Unpack Desktop Tools application files (using goddtop.exe)
- Update the configuration file (using GODDTOPConfig.exe)
- Distribute files for client PC installation

Once these preparatory tasks are performed, Desktop Tools can be installed on client PC's.

Unpack Desktop Tools Application Files

The following tasks are performed to unpack and install the administrator's version of the Desktop Tools application and configuration files:

1. Locate the file goddtop.exe in the directory BANNER_HOME\general\desktop.
2. Launch goddtop.exe to begin the unpacking process for Banner Desktop Tools Configuration. Follow the setup instructions on screen.

3. The installation program prompts you for a target directory of the configuration files used only the administrator. Select the target directory. (The default is C:\banner\godddtop.)
4. Select one or both of the components that you want to install into the target directory.
 - GODDDTOP Setup Application—Select this component if you want to distribute Desktop Tools to client PC's. The administrator's configuration files will be installed in the target directory and the setup program will be installed in the \setup folder of the target directory. This component contains the files required to create encrypted configuration files and the setup program that will be distributed for installation of Desktop Tools on client PC's.
 - GODDDTOP Source Code (optional custom compile) — Select this component if you want to customize the application or recompile the Visual Basic DLL. The source files will be installed in the \source folder of the target directory. This component contains the source code for:
 - GODDDTOP.exe, the Visual Basic application file
 - GODDDTOPConfig.exe, a utility for updating the encrypted configuration file
 - ToolsUpdate.exe, an optional utility tool that allows easy registry updates if customized DLL's are used when implementing Desktop Tools.

 **Note**

Customization of the DLL or recompiling the DLL will require Microsoft Visual Studio (Professional Edition). These optional activities are not typical for Desktop Tools 8.5 and higher. ■

5. Click Next to install the selected components.

Update the Configuration File

This task is performed by system administrators only and prepares a configuration file necessary for client PC's installing Desktop Tools. Administrators must customize the configuration file godddtop.ini by adding database connection information for one or more Banner databases. The GODDDTOP.DLL connects to the Banner database the same way as Banner forms do, and Banner's role-level security will use the encrypted seed numbers and database names supplied by the Desktop Tools configuration file to connect with the database.

 **Note**

To perform this task you will need to obtain the seed numbers established on the Banner Security Maintenance Form GSASECR by authorized staff according to the policies and procedures defined for your Banner installation. ■

A simple-to-use tool supplied as GODDTOPConfig.exe is used to update the configuration file as follows:

1. Locate the file GODDTOPConfig.exe in the target directory. The target directory must also contain a copy of the goddtop.ini configuration file added during the unpacking process.
2. Launch GODDTOPConfig.exe.
3. Click the Add Line button to create a new database entry and then key in the database instance name and seed numbers.
4. Repeat Step 3 for all of the database instances that apply for the user group receiving the configuration file.
5. Click the Save button to update your changes, otherwise changes will not be saved.
6. Use the Cancel button if you want to discard unsaved changes and revert to the previously saved settings to continue editing.
7. After changes are saved, close the window to exit. Unsaved changes in progress will be discarded.

Distribute Files for Client PC Installation

Access to the following two files will be required to install Desktop Tools on a client PC:

- Each client PC must run a copy of the program file goddtop-setup.exe. The file can be found in the administrator's \setup folder after the unpacking process and can be copied or made available to the client PC.
- The goddtop.ini file updated by the administrator using GODDTOPConfig.exe must be copied to each Client PC. This file contains the appropriate database connection information prepared according to the instructions above, "Update the Configuration File".

The detailed Instructions for using these files with a client PC are described in the following section "Client PC Installation".

Uninstalling Desktop Tools Configuration

An administrator's installation of "Banner Desktop Tools Configuration" can be removed or uninstalled from the Windows Control Panel. The uninstall process will remove the files from each target directory where goddtop.exe was installed.



Warning

The administrator's customized configuration files, the client setup program and the source code files added by goddtop.exe will all be removed. ■



Tip

Uninstalling Desktop Tools Configuration will not delete the goddtop.ini configuration file needed to use the Desktop Tools client application when both the Desktop Tools Configuration and the Desktop Tools client application were installed in the same target directory on an administrator's PC. The administrator's Banner Desktop Tools client will continue to work and has its own uninstall process. ■

Client PC Installation

To install Banner Desktop Tools on a client PC, complete the following tasks:

1. If applicable, uninstall prior versions of "Banner Desktop Tools" from the Windows Control Panel using the instructions below. (The program may also be listed as "SCT Desktop Tools" for installed versions prior to Desktop Tools 8.5.)



Tip

If the uninstall option is no longer available it may be necessary to unregister GODDTOP.DLL manually before proceeding. Please contact your system administrator. In some cases it may be necessary to reboot your PC after updating a prior installation of Desktop Tools. ■



Warning

Only one version of GODDTOP.DLL should be installed on your machine at a time. Each installation of Desktop Tools with goddtop-setup.exe creates a registry entry for GODDTOP.DLL which would normally be removed during a successful uninstall process for Banner Desktop Tools. Never copy a new DLL over an existing DLL. COM DLL's must be registered by the Windows registry. If not done properly, behavior of the Desktop Tools application is unpredictable. ■

2. Locate the installation file goddtop-setup.exe supplied by your system administrator.
3. Launch goddtop-setup.exe to begin the setup for Banner Desktop Tools. Follow the setup instructions provided on screen.

4. The installation program prompts you for a target directory of the application files. Select the target directory. (The default is C:\banner\godddtop.)
5. Click the Next button to begin the installation.
6. After the installation is complete GODDTOP.DLL is registered automatically.
7. Locate the required configuration file godddtop.ini supplied by your system administrator.
8. Copy the godddtop.ini file to your selected target directory from step 4. Typically, it will be necessary to overwrite an existing file.

 **Note**

The following instructions relate to Microsoft Excel. ■

9. If applicable, remove or de-activate any “Desktoptools” Add-In left from a prior installation of Desktop Tools. If the “Desktoptools” Add-In was present and removed during this step, close Microsoft Excel and then re-open Excel. The Excel Add-Ins menu named “Banner” should not be visible.
10. From the Excel Add-In menu, enable the Add-In “Desktoptools” using the file Desktoptools.xla located in the installation target directory. After the Add-In is active, a new Excel Add-Ins menu named “Banner” will be visible.
11. From the Banner menu in Excel, click the menu option “Connect to Database”.
12. Enter valid login credentials and click “Connect”.
13. After a successful connection, the Excel title bar will be updated to display “Connected to Banner: username@database”.

 **Tip**

If a client PC is updated with a new version of the godddtop.ini setup file, close Excel and re-open to refresh the connection settings. ■

 **Tip**

In some cases, you may need to adjust Excel macro security settings to run Banner Desktop Tools. ■

 **Note**

Please refer to the Position Control Spreadsheet Budgeting Handbook or the Finance Spreadsheet Budgeting Handbook to establish the necessary security for individual user access to the wizards and features found in the Banner/Spreadsheet Budgeting menu. ■

Uninstalling Banner Desktop Tools from a client PC

To uninstall “Banner Desktop Tools” from a client PC, complete the following tasks:

1. Close Microsoft Excel.
2. Open the list of installed programs from the Windows Control Panel.
3. Remove or uninstall the Banner Desktop Tools program.
4. Open Microsoft Excel and remove or de-activate the “Desktoptools” Add-In.

Note

Uninstalling Banner Desktop Tools will not affect the files needed by an administrator if installed in the same target directory. The administrator's files and components will not be removed. ■

Installing Desktop Tools in Other Environments

Macintosh

To install Desktop Tools on a Macintosh computer, you must use a PC emulator program. With a PC emulator program, you can install Desktop Tools following the procedures for installation on a regular PC.

Citrix

Perform the following steps to install Desktop Tools on machines that run the Citrix server software:

1. Log on to the console as the administrator.
2. Put the machine into *INSTALL* mode.
3. Restrict access to the machine.
4. Follow the steps for installation that appear on your screen.
5. Ensure that the specified user groups have access to GODDTOP.DLL and to GODDTOP.XLA.
6. Place GODDTOP.XLA into the Microsoft Office Library directory.



6 Desktop Tools - Technical

Changed Object

The following object has been changed.

`godddtop.exe`

Desktop Tools has been updated with a revised DLL to incorporate new authentication components.



7 RPEs

The following RPEs were addressed in this release:

1-HJKXI6 - Supplemental Data Engine

GTVSDTB has been modified to use the parameters which are declared in GTVSDAX. These parameters include schema names, and based on the given schema name, GTVSDTB will display and validate the schema name. To have the table list available in GTVSDTB, perform the following steps:

1. Open the GTVSDAX form and insert a row with following data:

CODE: *SCHEMA*
GROUP: *SDE*
EXTERNAL CODE: *BSACMGR*

2. Save the changes.

Now tables from the BSACMGR schema will be displayed in the GTVSDTB form. Similarly you can add other required schemas in GTVSDAX to include them in the GTVSDTB form.

1-EG05J9 - Canada Student Aid

The `gukmenu.p_refresh_menu` procedure has been modified to build BSAC menu items.

CMS-DFCT68727 - GLAEXTR sort order

Added sort by ID or Name and whether or not manual rows should sort first to enable a sort by:

- NAME:= type (manual then system), then last name, first name, middle name
- ID:= type (manual then system), then ID instead of by activity date.



8 Problem Resolutions

At the time this guide was completed, the following problem resolutions were targeted for delivery with this release.

Note

For comprehensive and detailed problem, impact, and resolution information for all defects corrected in this release, refer to the supplemental problem resolutions file (`general80500resolutions.txt`) delivered along with your release guide. The information in this text file is extracted directly from the Customer Support Center just prior to release of the product and may include additional defects that were resolved after this document was finalized.

| Object | Number | Summary |
|---|---------------|--|
| bannersso_weblogic.jar ,sbannersso_weblogic.jar, basejpi_sso_weblogic.htm, webutiljpi_sso_weblogic.htm | 1-IOV4K6 | Running Banner LDAP - SSO in WEBLOGIC - OFM environment and it double prompting for login credential |
| goqrpls.pll | 1-AH99OU | SPAIDEN Confidential indicator in English should be “Confidentiel” in French. |
| Installation | CMS-DFCT58238 | Desktop Tools installation requires Visual Basic 6.0 which is no longer supported by Microsoft. |
| GOAMTCH | 1-QQAGNK | FRM-92101 error on GOAMTCH after “*WARNING* SSN/SIN/TIN already assigned to another record.” |
| GTVSKEL GUASKEL GUISKEL | 1-QGYRVB | Skeleton forms such as GTVSKEL, GUASKEL, and GUISKEL do not work with all functionality. |
| gokrsq1.sql | 1-PKAM4D | GORRSQL allows INSERT / UPDATE / DELETE statements and runs them after validation and save. |

| Object | Number | Summary |
|-------------|----------|---|
| GOAMTCH | 1-U7PWOR | GOAMTCH prompts with “*WARNING* SSN/SIN/TIN already assigned to another record.” |
| goqrpls | 1-U7U2EV | Message pop-up “ Please acknowledge” appears on many forms after upgrade to 11g on Windows. |
| guamepr.fmb | 1-YV5NSH | GUAMEPR does not display policies correctly. |





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