

# Banner General Release Guide

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*Release 7.3.1*



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# General System

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Introduction . . . . .	5
Prerequisites . . . . .	5
Institution Role Enhancement. . . . .	5
New Table . . . . .	5
New Business Entity API . . . . .	7
New Validation API . . . . .	7
Changed DBPROCS Script . . . . .	8
Changed Pro*C Compile Scripts . . . . .	8
New Pro*C Process . . . . .	9

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## Introduction

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This guide documents Release 7.3.1 of the Banner General System, which provides enhanced performance for institution role maintenance. The primary purpose of this release is to support Release 3.1 of the Banner Integration for e-Learning product.

### Prerequisites

The following must be installed prior to this release:

- Banner General Release 7.3.
- Oracle Version 9.2.0.6

**Note:** For Open VMS clients who are using the Campus Card and/or Housing Integration APIs, Oracle Version 9.2.0.7 is required. If those APIs are not being used, then Version 9.2.0.5 is recommended. Version 9.2.0.6 is not available for Open VMS.

## Institution Role Enhancement

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With this enhancement, all institution roles are now stored in the new Institution Role Table (GORIROL), which provides improved performance for extracting institution role data. Integration for e-Learning uses the person role information stored in this table for its extract and event process for partner data synchronization. A new process and API populate GORIROL.

### New Table

#### Institution Role Table (GORIROL)

This table stores institution role information for users.

<i>Name</i>	<i>Type</i>	<i>Nullable</i>	<i>Comments</i>
GORIROL_PIDM	NUMBER(8)	N	PIDM: Internal identification number of the person.

<i>Name</i>	<i>Type</i>	<i>Nullable</i>	<i>Comments</i>
GORIROL_ROLE_GROUP	VARCHAR2(30)	N	ROLE GROUP: Group to which a role belongs.
GORIROL_ROLE	VARCHAR2(30)	N	ROLE: Institution Role name.
GORIROL_ACTIVITY_DATE	DATE	N	ACTIVITY DATE: Date the record was created or last updated.
GORIROL_USER_ID	VARCHAR2(30)	N	USER ID: The unique identification of the user.
GORIROL_VPDI_CODE	VARCHAR2(6)	Y	VPDI CODE: This field contains a VPD Institution Code.
GORIROL_DATA_ORIGIN	VARCHAR2(30)	Y	DATA ORIGIN: Source system that created or updated the row.

The following scripts create this table:

- gorirol1.sql—Creates the table.
- gorirol2.sql—Creates the unique key .
- gorirol3.sql—Creates a foreign key.
- gorirol4.sql—Creates a foreign key.
- gorirol5.sql—Creates the foreign key to the BANSECR table (GTVVPDI).
- gorirol6.sql—Creates the comments.

## New Business Entity API

### Institution Role API (gb\_institution\_role)

This API works in conjunction with the new Institution Role Process (GURIROL) to populate the Institution Role (GORIROL) table.

<i>Table</i>	<i>Objects</i>	<i>API Object Name</i>	<i>API Entity Name</i>	<i>Task Performed</i>
GORIROL	GORRSQL	gb_institution_role	INSTITUTION_ROLE	Allows users to query, insert, update, or delete data in the Institution Role (GORIROL) table.

The following files support this API:

- gokb\_inst\_role0.sql
- gokb\_inst\_role1.sql
- gokb\_inst\_role\_r0.sql
- gokb\_inst\_role\_r1.sql
- gokb\_inst\_role\_s0.sql
- gokb\_inst\_role\_s1.sql
- gokd\_inst\_role0.sql
- gokd\_inst\_role1.sql

## New Validation API

### GTVVPDI Validation API (gb\_gtvvpdi)

This API provides validation support for the GTVVPDI table.

<i>Table</i>	<i>Objects</i>	<i>API Object Name</i>	<i>API Entity Name</i>	<i>Task Performed</i>
GTVVPDI		gb_gtvvpdi	gb_gtvvpdi	Provides validation support for the GTVVPDI table.

The following files comprise this API:

- gvkb\_gtvvpdi0.sql
- gvkb\_gtvvpdi1.sql

## **Changed DBPROCS Script**

gendbpr.sql

The new APIs, gb\_gtvvdi and gb\_institution\_role, were added to this script.

## **Changed Pro\*C Compile Scripts**

gencmplc.com

gencmplc.pl

gencmplc.shl

The new GURIROL process was added to these scripts.



## New Pro\*C Process

### Institution Role Maintenance Process (GURIROL)

The Institution Role Maintenance Process (GURIROL) is used to maintain institution role information in the GORIROL table. This process uses the rules that are set up on the Business Rules Form (GORRSQL) to determine users' roles, and then calls the `gb_institution_role.p_maintain_roles` procedure in the Institution Role API to insert, update, or delete those roles from GORIROL.

You can use Population Selection to limit the number of users processed. This process can be run at any time to update the GORIROL table. This process is used to support Integration for e-Learning. The person role information stored in the GORIROL table is used by Integration for e-Learning's extract and event process for partner data synchronization.

**Note:** This process is designed to be run via the Job Submission Form (GJAPCTL). Running it from the host is not supported by SunGard Higher Education, and should only be used for troubleshooting purposes.

Parameters	Name	Required?	Description	Value
	Application Code	No	Application code of the Population Selection.	Choices come from the Application Inquiry Form (GLIAPPL).
	Selection ID	No	ID of the Population Selection.	Choices come from the Population Selection Inquiry Form (GLISLCT).
	Creator ID	No	ID that created the Population Selection rules.	
	User ID	No	ID of user who selected the population.	

*Institution Role Enhancement*

<b>Parameters</b>	<i>Name</i>	<i>Required?</i>	<i>Description</i>	<i>Value</i>
	Role Group	Yes	The Institution Role group is the same as the <b>Process Code</b> used on the Business Rules Form (GORRSQL).	For Integration for e-Learning clients, <i>INTCOMP</i> is the valid value.
	Role	No	Person Institution role(s) that you want to process. You can use multiple roles and/or population selection.  If you leave this parameter blank, then all institution and custom roles will be processed.	For Integration for e-Learning clients, all valid institution and custom roles are supported.