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<table>
<thead>
<tr>
<th>Publication Date</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>November 2009</td>
<td>New version that supports Banner Enterprise Data Warehouse 8.1.1 software.</td>
</tr>
</tbody>
</table>

Think Before You Print.
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Problem Resolutions
Introduction

Welcome to the Banner Enterprise Data Warehouse (Banner EDW) product, a component of the Banner Enrollment Management Suite (Banner EM). The Banner EDW Release Guide describe the following aspects for the Banner EDW product release 8.1.1:

- Functional and technical enhancements
- New and changed objects

Prerequisites

Banner EDW release 8.1.1 requires the following minimum versions of products pre-installed:

- Banner Operational Data Store 8.2
- Banner Enterprise Data Warehouse 8.1

Refer to the *Banner Performance Reporting and Analytics Resource Guidelines* document for additional information.
New Features and Enhancements

This section outlines all the new features and enhancements included in release 8.1.1 of the Banner EDW product. For detailed information on these feature, refer to the Banner ODS and Banner EDW Handbook and the Banner Recruiting and Admissions Performance Handbook.

Reference chapters

Refer to the following chapters in the Banner ODS and Banner EDW Handbook for more information on the new features and enhancements:

- Banner EDW Star Schema Data Models
- Banner EDW Business Concepts

New ethnicity and race information

In addition to the existing functionality to capture a single ethnicity value for a person, the Banner System added general functionality to permit the institution to capture multiple race codes. The new functionality provides support for reporting and analysis of race and race category data. The following changes were incorporated:

- Changed the WDT_DEMOGRAPHIC dimension table to include four additional race indicators. The dimension table logic was altered to set any of the eight race indicators and the Hispanic Latino ethnicity indicator that apply for a person. Multiple indicators may be set as appropriate. The following race indicator columns were added:
  - TWO_OR_MORE_IND
  - NON_RESIDENT_IND
  - RACE_ETHNICITY_UNKNOWN_IND

In addition to the race indicator columns, the following columns were added:
  - RACE_ETHNICITY_CONFIRM_IND
  - MINORITY_IND

- Modified all the Banner EDW operational stars that use the WDT_DEMOGRAPHIC dimension table.
• Modified the following Banner EDW snapshot stars to use the new ethnicity and race data:
  • Academic Program Course
  • Advancement Gift
  • Course Registration
  • Employee
  • Employee Degree
  • Employee Position
  • Employment Application
  • Enrollment
  • Financial Aid Pre-Student
  • Financial Aid Student
  • Graduation Completion
  • Recruiting and Admissions

• Changed the following business concepts and the published packages defined in the Cognos Framework Manager tool, to make the new race and race category data available for reporting and analysis:
  • PM Impact of Aid on New Enrollment and Snapshot PM Impact of Aid on New Enrollment
  • PM Manage Applicants and Snapshot PM Manage Applicants

Note
In addition to making the new data available for reporting and analysis, these changes were made to comply with the new U.S. Federal Government - IPEDS reporting requirements.

Added supplemental admissions application information

*RPE 1-4WSBV3, RPE 1-2C7HFP, RPE 1-3ASTGZ, and RPE 1-LMHU7 fulfilled*

Supplemental admissions application information stored in the Banner SABAUDF and SABSUPL tables were added to the Banner ODS and the Banner EDW. This data is now available for reporting within the Banner EDW and the Banner Recruiting and Admissions Performance products. The following changes were incorporated:

• Added the ten institution defined flags stored in SABSUPL as application supplemental indicators to the Banner ODS and the Banner EDW
• Added the twenty institution defined data fields stored in the SABAUDF and SABSUPL tables as application supplemental data to the Banner ODS and the Banner EDW

• Added short description and long description values that can be managed by the institution through the Banner EDW cleansing process. This enables presentation of data in reportable descriptions for each data field and indicator to the Banner ODS and the Banner EDW

• Changed the Admissions Application operational star in the Banner EDW

• Changed the PM Manage Applicants and Snapshot PM Manage Applicants business concepts and the published packages defined in the Cognos Framework Manager tool

• Changed Admissions Application composite table in the Banner ODS

---

**Added Banner communication data**

*RPE 1-4X2DTP fulfilled*

Data from the Banner GURMAIL table in the Banner ODS was added to the Banner EDW. The communication information captured using the Banner Relationship Management product and stored in the Banner ODS is now also available in the Banner EDW. This makes all information about sending and tracking mail available for reporting in the Banner EDW and the Banner Recruiting and Admissions Performance products. The following changes were incorporated:

• Added a new Banner Communication operational star to the Banner EDW

• Added Banner Communication query subject to the following business concepts and the published packages defined in the Cognos Framework Manager tool:
  - PM Impact of Aid on New Enrollment and Snapshot PM Impact of Aid on New Enrollment
  - PM Manage Applicants and Snapshot PM Manage Applicants
Added class rank and class size data elements

RPE 1-44GZK7 fulfilled

The data values for the secondary school class rank and class size were added to the Banner EDW. Adding these fields to the Banner EDW makes them available for reporting within the Banner EDW and the Banner Enterprise Data Warehouse products. The following changes were incorporated:

• Changed the following operational stars:
  • Prospective Student
  • Admission Application

• Changed the following business concepts and the published packages defined in the Cognos Framework Manager tool:
  • PM Impact of Aid on New Enrollment and Snapshot PM Impact of Aid on New Enrollment
  • PM Manage Applicants and Snapshot PM Manage Applicants
Altered Objects

This section discusses the new and changed objects in the Banner EDW release 8.1.1 when compared with the release 8.1.

New tables

The following new tables were added to the Banner ODS database.

<table>
<thead>
<tr>
<th>Table Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBT_PROB_DESIRE_INSTANCE</td>
</tr>
</tbody>
</table>

Changed tables

The following tables were changed.

<table>
<thead>
<tr>
<th>Table Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admissions Application</td>
</tr>
</tbody>
</table>

New packages

The following new query subjects were added to existing business concepts in the Banner EDW.

<table>
<thead>
<tr>
<th>Query Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Banner Communication</td>
</tr>
</tbody>
</table>
**Changed packages**

The following query subjects and business concept packages were changed in Banner EDW.

<table>
<thead>
<tr>
<th>Query Subject</th>
<th>Query Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demographic</td>
<td>• Minority Ind</td>
</tr>
<tr>
<td></td>
<td>• Minority Ind Description</td>
</tr>
<tr>
<td></td>
<td>• Two or More Race Ind</td>
</tr>
<tr>
<td></td>
<td>• Non Resident Alien Ind</td>
</tr>
<tr>
<td></td>
<td>• Race and Ethnicity Unknown Ind</td>
</tr>
<tr>
<td></td>
<td>• Race Confirmed Ind</td>
</tr>
<tr>
<td></td>
<td>• Race Confirmed Date</td>
</tr>
<tr>
<td>Secondary School</td>
<td>• Secondary School Rank</td>
</tr>
<tr>
<td></td>
<td>• Secondary School Size</td>
</tr>
<tr>
<td>Admissions Application</td>
<td>• Application Supplemental Data</td>
</tr>
<tr>
<td></td>
<td>• Application Supplemental Indicators</td>
</tr>
</tbody>
</table>

**Package Name**

PM Impact of Aid on New Enrollment

Snapshot PM Impact of Aid on New Enrollment

PM Manage Applicants

Snapshot PM Manage Applicants

**New columns**

The following columns were added to the Banner system database.

<table>
<thead>
<tr>
<th>Column Name</th>
<th>Table Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWO_OR_MORE_IND</td>
<td>WDT_DEMOGRAPHIC</td>
</tr>
<tr>
<td>NON_RESIDENT_IND</td>
<td>WDT_DEMOGRAPHIC</td>
</tr>
<tr>
<td>RACE_ETHNICITY_UNKNOWN_IND</td>
<td>WDT_DEMOGRAPHIC</td>
</tr>
<tr>
<td>Column Name</td>
<td>Table Name</td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>RACE_ETHNICITY_CONFIRM_IND</td>
<td>WDT_DEMOGRAPHIC</td>
</tr>
<tr>
<td>MINORITY_IND</td>
<td>WDT_DEMOGRAPHIC</td>
</tr>
</tbody>
</table>
## Problem Resolutions

This section contains the object name, defect number, and summary for all defects included in this release. Refer to the edw80101resolutions.pdf delivered with your system for detailed information on each defect.

You can also access information about defects and their resolutions through the Customer Support Center.

<table>
<thead>
<tr>
<th>Object Name</th>
<th>Defect #</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>buildCognosCube.bat</td>
<td>1-516MPQ</td>
<td>buildCognosCube.bat - Invalid database signon</td>
</tr>
<tr>
<td>Data Cleansing</td>
<td>1-4TKJA1</td>
<td>EDW 8.0 displays 0 records processed during cleansing process</td>
</tr>
<tr>
<td>EDW_FA_APPL_FACT_INSERT</td>
<td>1-5OV8MS</td>
<td>Execution of the mapping EDW_FA_APPL_FACT_INSERT may terminate with ORA-00600, ORA-30036</td>
</tr>
<tr>
<td>LOAD_EDW_ALL_OPERATIONAL</td>
<td>1-6WOBL3</td>
<td>EDW 8.1 - Job LOAD_ALL_EDW_OPERATIONAL is sending two emails &amp; has invalid status</td>
</tr>
<tr>
<td>MGKTIME</td>
<td>1-5WGVN5</td>
<td>EDW_REC_ADMS_DIM_TIME ORA-01722: invalid</td>
</tr>
<tr>
<td>PM_admissions_Counselor_cube_TR1901</td>
<td>1-7MZTX0</td>
<td>(TR1901) PDS-PPE-0130 The number of children or parents of a category cannot exceed 65,536. (Drill)</td>
</tr>
<tr>
<td>Recruiting and Admissions star</td>
<td>1-5O2GO6</td>
<td>Multiple scores for the same test are being loaded into the Recruiting and Admissions star</td>
</tr>
<tr>
<td>RECRUITING_AND_ADMISSION cube</td>
<td>1-6JRZ7H</td>
<td>Cursor in package body EDWSTG.EDW_REC_ADMS_INPUT is not selecting all the info needed</td>
</tr>
<tr>
<td>Object Name</td>
<td>Defect #</td>
<td>Summary</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>----------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>RECRUITMENT AND ADMISSIONS</td>
<td>1-7M3241</td>
<td>Extract process contains a restriction to Curriculum_priority = 1</td>
</tr>
<tr>
<td></td>
<td>1-4YH0VG</td>
<td>EDW 8.0 removed fields still listed in ia admin cleansing</td>
</tr>
<tr>
<td></td>
<td>1-8FBBS3</td>
<td>WFT_GRADUATION_COMPLETION degree awarded count is incorrect</td>
</tr>
</tbody>
</table>