

Oracle Business Intelligence Applications
Release Notes
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Preface

These release notes describe known issues and workarounds for Oracle Business Intelligence Applications version 7.9.5.1.

Audience

This document is intended for BI managers and implementers of Oracle Business Intelligence Applications.

Documentation Accessibility

Our goal is to make Oracle products, services, and supporting documentation accessible to all users, including users that are disabled. To that end, our documentation includes features that make information available to users of assistive technology. This documentation is available in HTML format, and contains markup to facilitate access by the disabled community. Accessibility standards will continue to evolve over time, and Oracle is actively engaged with other market-leading technology vendors to address technical obstacles so that our documentation can be accessible to all of our customers. For more information, visit the Oracle Accessibility Program Web site at

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<http://www.fcc.gov/cgb/consumerfacts/trs.html>, and a list of phone numbers is available at <http://www.fcc.gov/cgb/dro/trsphonebk.html>.

Related Documents

For more information, see the following documents in the Oracle Business Intelligence Applications documentation set:

- *Oracle Business Intelligence Applications Installation Guide for Informatica PowerCenter Users*
- *Oracle Business Intelligence Applications Configuration Guide for Informatica PowerCenter Users*
- *Oracle Business Intelligence Applications Upgrade Guide for Informatica PowerCenter Users*
- *Oracle Business Intelligence Applications Security Guide*
- *System Requirements and Supported Platforms for Oracle Business Intelligence Applications*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Release Notes

These release notes describe known issues and workarounds for Oracle Business Intelligence Applications Version 7.9.5.1, and contain the following sections:

- [Section 1.1, "How to Use These Release Notes"](#)
- [Section 1.2, "General Issues and Workarounds"](#)
- [Section 1.3, "Oracle Business Intelligence Applications: General"](#)

1.1 How to Use These Release Notes

These release notes are updated periodically as new information becomes available. To ensure that you are reading the latest version of the release notes, check the Oracle Business Intelligence Applications Documentation Web site:

http://www.oracle.com/technology/documentation/bi_apps.html

1.2 General Issues and Workarounds

This section describes general issues and workarounds for Oracle Business Intelligence Applications. It contains the following topics:

- [Section 1.2.1, "Certification Information"](#)
- [Section 1.2.2, "Installation and Upgrade"](#)
- [Section 1.2.3, "Documentation Corrections"](#)

1.2.1 Certification Information

For certification information, refer to the *System Requirements and Supported Platforms for Oracle Business Intelligence Applications* document. This document is part of the Oracle Business Intelligence Applications documentation set, which is available at the following location:

http://www.oracle.com/technology/documentation/bi_apps.html

1.2.2 Installation and Upgrade

This section provides release notes on installing and upgrading Oracle Business Intelligence Applications. It contains the following topics:

- [Section 1.2.2.1, "Maintain Side-By-Side Environments When Upgrading"](#)
- [Section 1.2.2.2, "Installation Error Caused By Invalid Characters in Installation Directory Names"](#)

- [Section 1.2.2.3, "Requirement for Certain Platforms to Install Informatica PowerCenter 8.1.1 SP5 Emergency Bug Fix"](#)

1.2.2.1 Maintain Side-By-Side Environments When Upgrading

If you are upgrading from a previous release, then include in your upgrade preparations, plans for side-by-side instances of the entire Oracle BI Applications environment, not just for the Oracle Business Intelligence Presentation Catalog.

Enabling side-by-side instances of the entire Oracle BI Applications environment is a critical success factor for upgrade.

1.2.2.2 Installation Error Caused By Invalid Characters in Installation Directory Names

As part of the overall Oracle Business Intelligence Applications installation, the Oracle Business Intelligence Enterprise Edition directories with the default names 'OracleBI' and 'OracleBIData' are created. You can choose to override these default names and use a different name for these directories. However, if you include the characters, 'period' (.) or 'underscore' (_) in the directory names, the Oracle Business Intelligence Applications installation process throws an error, although these characters are legal in Windows directory names.

Workaround

Oracle recommends that you use the default directory names, (that is, 'OracleBI' and 'OracleBIData'). If you do not use the default directory names, avoid using periods and underscores in the directory names that you use.

1.2.2.3 Requirement for Certain Platforms to Install Informatica PowerCenter 8.1.1 SP5 Emergency Bug Fix

On certain platforms, Informatica PowerCenter 8.1.1 SP5 hangs during ETL runs. An emergency bug fix corrects this issue.

For the following platforms, installation of the emergency bug fix is required:

- WinEM64T
- Linux64-X86
- HPUNIX64
- Win32
- Win32_client
- Solaris
- AIX64
- Linux-X86

Instructions for installing the emergency bug fix are included in the Read Me file located in the Informatica PowerCenter DVD provided with Oracle Business Intelligence Applications.

1.2.3 Documentation Corrections

This section provides corrections for various pieces of the documentation set for Oracle Business Intelligence Applications. It contains the following topics:

- [Section 1.2.3.1, "Corrections to Oracle Business Intelligence Applications Installation Guide for Informatica PowerCenter Users"](#)
- [Section 1.2.3.2, "Corrections to Oracle Business Intelligence Applications Configuration Guide for Informatica PowerCenter Users"](#)
- [Section 1.2.3.3, "Corrections to Oracle Business Intelligence Applications Upgrade Guide for Informatica PowerCenter Users"](#)
- [Section 1.2.3.4, "Corrections to Oracle Business Intelligence Applications Security Guide"](#)
- [Section 1.2.3.5, "Corrections to Oracle Business Analytics Warehouse Data Model Reference"](#)

1.2.3.1 Corrections to *Oracle Business Intelligence Applications Installation Guide for Informatica PowerCenter Users*

Note the following corrections to the *Oracle Business Intelligence Applications Installation Guide for Informatica PowerCenter Users*:

- Table 4-2 in Section 4.7.3, "Setting PowerCenter Integration Services Custom Properties," has the following correction:
 - For the Disable DB2BulkMode entry, the Notes column should read as follows:

Add this custom property and set the value to Yes if your Oracle Business Analytics Warehouse is on a DB2/390 or DB2 UDB database.
- The current version of the *Oracle Business Intelligence Applications Installation Guide for Informatica PowerCenter Users* refers to the location of the Informatica installation files and supporting documentation as the \Third_Party_Software\Informatica folder on the Oracle Business Intelligence Applications installation DVD. This location is incorrect. The installation files and supporting documentation are located on the Informatica PowerCenter DVD provided with Oracle Business Intelligence Applications.
- In Section 4.4, in the procedure for installing the Oracle BI Applications on Windows, Step 3 should read as follows:

Enter or browse for the following:

 - Location for the Oracle Business Intelligence infrastructure (for example, <DRIVE>\OracleBI\).
 - Location for the Oracle Business Intelligence data (for example, <DRIVE>\OracleBIData\).
 - Location for the Java SDK (for example, <DRIVE>\jdk1.5). Then, click Next.
- In Table 3-1 of the *Oracle Business Intelligence Applications Installation Guide for Informatica PowerCenter Users*, Version 7.9.5.1, Linux should be included in the list of supported operating systems for the Oracle Business Analytics Warehouse and the ETL Repositories.
- In Sections 4.8, 4.12.1, and 4.12.2 of the *Oracle Business Intelligence Installation Guide for Informatica PowerCenter Users*, Version 7.9.5.1, it is stated that JDK 1.5 or higher must be installed. It should state JDK 1.5.x must be installed.

- Section 5.2.5.3 was not updated for Oracle Federal Financial Analytics, which only supports Oracle EBS source systems.
- Section 3.1, "Source-Independent Configuration Steps." erroneously contains the following sections:

3.1.5.1 "How to Configure GL Account Hierarchies Using GL Accounting Flexfield Value Sets Definitions"

3.1.5.2 "How to Configure GL Account Hierarchies Using Financial Statement Generator (FSG) Report Definition (for Oracle EBS)"

These two sections apply to Oracle EBS, and should be located in Section 3.2, "Oracle EBS-Specific Configuration Steps".

- After Section 3.5.1, "Installation of Required JDBC Driver for Teradata Databases," the following paragraph should be added:

The Oracle Business Intelligence Data Warehouse Administration Console (DAC) requires JDBC drivers for database connectivity. The JDBC drivers that are used should be for the databases supported. Since JDBC drivers show variations with different database versions, only drivers that are shipped with the database, or downloaded from database vendor site and known to be certified for the given database version should be used. Currently, third-party JDBC drivers for the databases are not supported.

- In Section 4.15.2.1, "How to Configure Relational Connections," the steps do not apply to PeopleSoft connections. Add the following paragraph after Section 4.15.2.

For PeopleSoft OLTP connections, you need to create application connections by performing the following task.

To configure Application Connections for PeopleSoft OLTP data sources:

1. In Informatica PowerCenter Workflow Manager, select Connections, then Application, to display the Application Connection Browser dialog.
2. Create an Application Connection for each PeopleSoft transactional (OLTP) data source.

For each Application Connection that you need to create, do the following.

- a. Click New to display the Select Subtype dialog box, select the appropriate database type (for example, PeopleSoft Oracle), then click OK to display the Connection Object Definition dialog.
- b. Use the Connection Object Definition dialog to define an Application Connection (for example, a connection named PEOPLESFT_9_0_HCM).
- c. Click OK to save the details.

Connect string: Connect string for the database (refer to the Informatica Help for information about specifying this value).

You must specify the Name value exactly as it appears in the Physical Data Sources tab in the DAC Setup View. For example, if your source system is named PEOPLESFT_9_0_HCM in DAC, then you must name this connection as PEOPLESFT_9_0_HCM. For more information, see Section 4.14.3, "Setting Physical Data Sources".

1.2.3.2 Corrections to *Oracle Business Intelligence Applications Configuration Guide for Informatica PowerCenter Users*

Note the following corrections to the *Oracle Business Intelligence Applications Configuration Guide for Informatica PowerCenter Users*:

- In Oracle Business Intelligence Financial Applications, the following error appears:

ORA-00001: unique constraint (OBAW.W_SLS_BKG_LN_F_U1) violated

This error occurs because in section 6.2.5.2, "Configuration Steps for Oracle Supply Chain and Order Management Analytics for Oracle EBS," there are two missing steps in the procedure **To include nonbooked orders in the Sales Order Lines tables**. The following two steps must be performed after step 7:

8. Add 'W_SALES_ORDER_LINE_F.BOOKING_FLG = 'Y' (plus AND if there are existing filters) to the field of Source Filter inside the Source Qualifier transformation, at the following mappings:

- SIL_SalesBookingLinesFact_Load_OrderLine_Credit
- SIL_SalesBookingLinesFact_Load_OrderLine_Debit

9. Add 'W_SALES_SCHEDULE_LINE_F.BOOKING_FLG = 'Y' (plus AND if there are existing filters) to the field of Source Filter inside the Source Qualifier transformation, at the following mappings:

- SIL_SalesBookingLinesFact_Load_ScheduleLine_Credit
- SIL_SalesBookingLinesFact_Load_ScheduleLine_Debit

- In Section 6.2.5.2.2, About the Handling of Booked and Nonbooked Orders in the Order Lines and Bookings Table, step 2 in the task should read:

2. Open the mplt_BC_ORA_SalesOrderLinesFact maplet in the Maplet Designer.

- In Section 4.2.5.1.4, How to Configure the Purchase Cycle Lines Aggregate Table, Step 3, bullet 4 should read as follows:

```
PLP_PurchaseCycleLinesAggregate_Load
$$GRAIN 'MONTH'
```

- In Section 6.2.5.1.13, How to Configure the Product Transaction Aggregate Table, Step 3 should read as follows:

Locate the Task named PLP_ProductTransactionAggregate, display the Parameters subtab, and make sure that the following three parameters are set as specified:

- \$\$REFRESH_PERIOD = 'MONTH'
- \$\$GRAIN = 'MONTH'
- \$\$NUM_OF_PERIOD = 3

If any of these parameters do not exist, create them as Data Type = Text with the specified Values

1.2.3.3 Corrections to *Oracle Business Intelligence Applications Upgrade Guide for Informatica PowerCenter Users*

Note the following corrections to the *Oracle Business Intelligence Applications Upgrade Guide for Informatica PowerCenter Users*:

All references to Dim - Security Dimension should be changed to Dim - Position Security.

1.2.3.4 Corrections to *Oracle Business Intelligence Applications Security Guide*

Note the following corrections to the *Oracle Business Intelligence Applications Security Guide*:

All references to Dim - Security Dimension should be changed to Dim - Position Security.

1.2.3.5 Corrections to *Oracle Business Analytics Warehouse Data Model Reference*

Note the following corrections to the *Oracle Business Analytics Warehouse Data Model Reference*:

- Section 2.2.2 Fact Tables in Oracle Business Analytics Warehouse should read as follows:

A fact table in the Oracle Business Analytics Warehouse has a surrogate key only if the records in the fact table need to be updated or if the fact table has an aggregate table on top of it. Each fact table also contains one or more numeric foreign key columns to link it to various dimension tables.

1.3 Oracle Business Intelligence Applications: General

This section provides release notes for Oracle Business Intelligence Applications in general. It contains the following topics:

- [Section 1.3.1, "Issue Including Subject Areas from Two Different Sources into One Execution Plan"](#)
- [Section 1.3.2, "Incremental Aggregation Tasks Can Run Slowly in Multisource ETL Situation"](#)
- [Section 1.3.3, "Incorrect Name for SA System Presentation Column Prevents Delivery of iBots to Applications Users"](#)
- [Section 1.3.4, "Lack of Time Zone Setting Prevents Delivery of iBots to Applications Users"](#)
- [Section 1.3.5, "Large Dimensional Tables Causing Slow Fact Lookups"](#)
- [Section 1.3.6, "Issue with Exchange Rates and Transaction Currencies"](#)
- [Section 1.3.7, "Issue with Mapping in Oracle Business Intelligence Applications 7.7.1.x Versions"](#)
- [Section 1.3.8, "Contact Geography Attributes in Campaign Contacts_Segmentation Catalog Do Not Join Appropriately"](#)
- [Section 1.3.9, "Issues With Multi-Source ETL"](#)
- [Section 1.3.10, "Email Personalization for Siebel 8.0"](#)
- [Section 1.3.11, "Incorrect Username Displayed in the Greetings Message in Oracle Business Intelligence Interactive Dashboards"](#)
- [Section 1.3.12, "Missing Language Folders"](#)
- [Section 1.3.13, "Extraneous Dimension in Campaign Contacts_Segmentation Subject Area"](#)
- [Section 1.3.14, "Changes In Calculating '# of offers' Metric In Marketing Analytics"](#)

- Section 1.3.15, "Restoring a Repository in Informatica in a Non-English Operating System"
- Section 1.3.16, "Error in Reports Based on 'Opportunity' Under Opportunity Contact Segmentation"
- Section 1.3.17, "Filter Non-position Based Forecasting Records in Siebel 8.1"
- Section 1.3.18, "Teradata Connection Configuration"
- Section 1.3.19, "Bitmap Index W_GL_REVN_F_F57 Incorrectly Marked as Type ETL"
- Section 1.3.20, "Installation Errors With Oracle Applications Server Advanced Security Option"
- Section 1.3.21, "SDE_ORA_ExchangeRateGeneral Failure With Oracle DB Version 8i"
- Section 1.3.22, "No Data Is Loaded Into W_BOM_ITEM_F and W_BOM_ITEM_FS"
- Section 1.3.23, "Issue with DB2 9.1 Databases During Full ETL Loads"
- Section 1.3.24, "Issue with DB2 Databases running Pharma Analytics on AIX and UNIX Platforms"
- Section 1.3.25, "Error Running ETL Using Pharma 8.1.1 CRM"
- Section 1.3.26, "Oracle Business Intelligence AA Financials Do Not Support Extracting Statistical GL Balances or Journals"
- Section 1.3.27, "Division Name Pointing to an Obsolete Column in Oracle Sales Analytics"
- Section 1.3.28, "FIND_AUDIT_VALUES Transformation Inside SDE_OptyStgFact is Missing in the Teradata ETL Repository"
- Section 1.3.29, "EMPLOYEE NAME (From POSITION Dimension) Shows Incorrectly in Reports"
- Section 1.3.30, "Securing the Employee Dimension"
- Section 1.3.31, "Quote Item Fact Not Secured By Position Hierarchy"

1.3.1 Issue Including Subject Areas from Two Different Sources into One Execution Plan

Data Warehouse Administration Console allows customers to build execution plans that are comprised of subject areas from different source system containers. However, such behavior is not supported in this release. For example, you cannot have a subject area from Oracle Applications 11.5.8 and Siebel Applications 7.8 in the same execution plan.

To work around this issue, create separate execution plans for subject areas in different containers. For example, suppose an execution plan has subject areas such as Sales, Inventory, and Receivables that come from an Oracle Applications 11.5.8 container. If the Sales subject area in Siebel Applications 7.8 must be populated, then it requires another execution plan.

1.3.2 Incremental Aggregation Tasks Can Run Slowly in Multisource ETL Situation

Data Warehouse Administration Console runs full load or incremental load commands based on the dates when data was last extracted from a source table and when data was loaded into a target table.

Dependence on last extract or last load dates can become an issue when loading data from two discrete source systems for the first time. ETL from the first source runs as a full extract and full load. ETL from the second source runs as a full extract and as an incremental load. This can cause the second load to be slower than the first, because full load mappings are simple while incremental mappings (especially for aggregate tables) must handle delta aggregation, manipulation, and other complicated situations. Thus incremental loads are costlier.

Slow performance when running incremental ETL is not noticeable in daily ETL runs because of lower data volumes. But, in situations where data is extracted and loaded for the first time from two source systems one after the other, there will be a noticeable slowing down of the second load due to the high data volumes loaded in an incremental mode.

For example, suppose that three years of data is extracted and loaded from Oracle Applications 11.5.8 followed by a three-year load of data from Oracle Applications 11.5.10. The load from Oracle Applications 11.5.10 source will be noticeably slower.

This issue has no workaround.

1.3.3 Incorrect Name for SA System Presentation Column Prevents Delivery of iBots to Applications Users

The Oracle Business Intelligence Delivers iBots use a predefined query against the SA System subject area to retrieve a list of applications users who are associated with the iBot's Recipient Group. When an iBot is run, this predefined query will fail with an error message that is similar to the following one:

```
State: HY000. Code: 10058. [NQODBC] [SQL_STATE: HY000]
[nQSError: 10058] A general error has occurred. [nQSError:
27005] Unresolved column: "Time Zone".
```

The query error prevents the Oracle BI Delivers iBot from generating and delivering any content for the applications users that are associated with the iBot's Recipient Group. This impacts all iBot destination types including Interactive Dashboards and Emails and Disconnected Application cache generation for Oracle Business Intelligence Disconnected Analytics. The issue occurs because the 'Time Zone' presentation column name is incorrectly spelled as 'Timezone' in the SA System subject area.

To work around this issue use the Oracle Business Intelligence Administration Tool to change the name of the existing 'Timezone' presentation column in the SA System presentation catalog to 'Time Zone'.

For information on the SA System subject area, see the *Oracle Business Intelligence Server Administration Guide*.

1.3.4 Lack of Time Zone Setting Prevents Delivery of iBots to Applications Users

The Oracle BI Delivers iBots use a predefined query against the SA System subject area to retrieve a list of applications users who are associated with the iBot's Recipient Group. When an iBot is run, users who do not have a time zone specified in user preferences are considered invalid users and iBots are not delivered to them.

This issue occurs because the join type for the S_TIMEZONE join in the S_USER Logical Table Source in the SA System Business Model is defined as INNER when it should be defined as RIGHT OUTER.

To work around this issue, perform these steps:

1. Display the Oracle Business Intelligence Administration Tool.
2. In the Business Model and Mapping layer, expand the SA System Business Model and the USER Logical Table.
3. Double-click the S_USER Logical Table Source under Sources in the USER Logical Table.
4. In the Logical Table Source - S_USER Dialog Box, change the type to RIGHT OUTER from INNER for the S_TIMEZONE join in the Joins section of the General tab.

For information on the SA System subject area, see the *Oracle Business Intelligence Server Administration Guide*.

1.3.5 Large Dimensional Tables Causing Slow Fact Lookups

Several dimensional tables that are larger than 255 columns are causing the fact lookups on these dimensions to perform slowly and the lookup database server to run out of memory. The following tables have been identified as experiencing this issue:

- W_CUSTOMER_FIN_PROFL_D
- W_CUSTOMER_LOC_D
- W_CUSTOMER_LOC_USE_D
- W_ORG_D
- W_PRODUCT_D
- W_SALES_PRODUCT_D
- W_SUPPLIER_PRODUCT_D

To work around this issue and improve performance, complete the following steps:

1. Edit the slow running session.
2. For all transformations that look up the large dimensions that are listed in this section, change the following
 - Index cache size = 10 MB
 - Data cache size = 20 MB

This is a session-side change. No modifications are required in mapping.

1.3.6 Issue with Exchange Rates and Transaction Currencies

Current design and support of multiple currencies within the Oracle BI Applications and the data warehouse assumes that the transactional system (or OLTP system) provides exchange rates and table structures that store exchange rates.

If the OLTP system does not provide exchange rates from the 'transaction currency' to the chosen 'one or more data warehouse currencies', then the Fact table will have a null exchange rate value for 'transaction' currency to 'Global1' currency, and hence, analysis based on Global currencies will not be possible for these transactions. It also

impacts the correctness of the data for data that resides in various aggregate tables. This issue is also seen in the other two supported currencies (Global2 and Global3).

To work around this issue, ensure that the OLTP system has all currency exchange rates from all possible transaction currencies added to all the three chosen data warehouse currencies, up front. If this is not taken care of beforehand and you encounter a missing exchange rate issue, then you can rerun transactions in 'full' mode after you have fixed the missing exchange rate issue in the OLTP system.

1.3.7 Issue with Mapping in Oracle Business Intelligence Applications 7.7.1.x Versions

The `SIL_ListofValuesDimension_MissingActivityCodes` mapping, which was used to move unbounded LOV types from the `S_LST_OF_VAL` OLTP table to the data warehouse table, is not available. This issue does not affect customers who have bounded LOV type. However, if customers use unbounded LOV types for `sra_resolution_cd`, this mapping is still required in the 7.7.1.x versions.

To work around this issue, re-import the old mapping in the new environment and execute it as a one-time job, if your data source is Oracle's Siebel CRM Applications version 7.7 or higher. If your data source is Oracle's Siebel CRM Applications version 7.5.3 or lower, then run this job as part of the ETL process.

1.3.8 Contact Geography Attributes in Campaign Contacts_Segmentation Catalog Do Not Join Appropriately

The Contact Geography dimension attributes on the Campaign Contacts_Segmentation catalog, which map to the Person Geography dimension table, are not joined appropriately to the Campaign History Fact table. Therefore, Oracle Business Intelligence Server cannot find an appropriate navigation path when this dimension is used.

To work around this issue, remove the Geography dimension from the Campaign Contacts_Segmentation catalog. If users want to use this dimension, then they can switch to another subject area that has this dimension and reference it there, for example, Customer Profile_Segmentation.

1.3.9 Issues With Multi-Source ETL

The DAC Deployment procedure causes sequence generators transformations in the ETL to be reset to start from the number 1 again. This can cause some issues when running Source Independent Load (SIL) mappings for the different applications and adapters together. These SIL mappings will be unable to run together.

To illustrate this limitation, two examples of ETLs being unable to run together are shown below:

- When the Siebel Vertical adapter and Oracle EBS adapter is used, the Siebel adapter leverages the SIL mappings in the `SIL_Vert` folder, while the Oracle EBS adapter leverages the SIL mappings in the `SILOS` folder. The sequence generators in the `SIL_Vert` folder gets updated to new values, while the same ones in the `SILOS` folder does not. This results in all `SILOS` mappings for common dimensions (like Employee, Exchange Rate, etc.) to fail.
- The same dimensional tables are loaded from mappings within the `SILOS` folder and the `PLP` folders. This results in the same issue as above, and when the mappings are run, they fail.

The workaround is to set the Sequence Generator value to run between 1 and a sufficiently large finite value (for example, 1,000,000,000) for one of the folders and set

the SILOS folder Sequence Generator value to run between 1,000,000,001 and its maximum limit of 2,000,000,000.

1.3.10 Email Personalization for Siebel 8.0

The email personalization formats that are installed out-of-the-box in Siebel 8.0 are not constraining the generated lists by treatment ID. As a result, when a campaign launch issues the SOAP call to generate list files for a given treatment, everyone that qualifies for the campaign is being returned in the list. For example, if the campaign has two email treatments that have been allocated to two different sets of campaign members, this issue causes all campaign members to receive both treatments.

This section explains how to work around this issue.

1.3.10.1 Updating The Repository

This section explains how to update the repository in Oracle BI Administration Tool.

1. Start the Oracle BI Administration Tool.
2. In the Physical Layer, add a physical column DCP_ID to the Campaign Promotion physical table in Marketing OLTP database and specify the following values in the Physical Column dialog:
 - Name: DCP_ID
 - Type: VARCHAR
 - Length: 15
 - Nullable: yes
3. In the Business Model and Mapping Layer, add a logical column Treatment Id to the OLTP Campaign Promotion logical table in Marketing Contact List business model and specify the following values in the Logical Column dialog:
 - Name: Treatment Id
 - Logical Table Source: S_CAMP_CON
 - Mapped as: "Marketing OLTP".dbo."Campaign Promotion".DCP_ID
4. In the Business Model and Mapping Layer, add a logical column Treatment Id to the OLTP Campaign Promotion logical table in Marketing Account List business model and specify the following values in the Logical Column dialog:
 - Name: Treatment Id
 - Logical Table Source: S_CAMP_CON
 - Mapped as: "Marketing OLTP".dbo."Campaign Promotion".DCP_ID
5. In the Presentation Layer, add the Treatment Id presentation column to the Campaign History (Transaction Database) presentation table in the Marketing Contact List presentation catalog and specify the following values in the Presentation Column dialog:
 - Name: Treatment Id
 - Logical Column: "Marketing Contact List"."OLTP Campaign Promotion"."Treatment Id".
6. In the Presentation Layer, add the Treatment Id presentation column to the Campaign History (Transaction Database) presentation table in the Marketing

Account List presentation catalog and specify the following values in the Presentation Column dialog:

- Name: Treatment Id
- Logical Column: "Marketing Account List"."OLTP Campaign Promotion"."Treatment Id".

1.3.10.2 Updating The Campaign Load Format and Email Server Format

This section explains how to update the Campaign Load Format and Email Server Format in Siebel Marketing.

1. Log in to Siebel Marketing.
2. Add Treatment Id to the Campaign Contact integration component and specify the following values in the Edit Column Formula dialog:
 - Table heading: Campaign Contact
 - Column Heading: Treatment Id
 - Column Formula: '{@treatmentID}{0}'
3. Add a filter to constrain the output based on the Treatment Id column and specify the following values in the Create/Edit Filter dialog:
 - Operator: is equal to / is in
 - Expression: '{@treatmentID}{0}'

1.3.11 Incorrect Username Displayed in the Greetings Message in Oracle Business Intelligence Interactive Dashboards

The user name that appears in the Greetings message in the Oracle Business Intelligence Interactive Dashboards does not display correctly if the source system is either Oracle E-Business Suite (EBS) or Oracle's PeopleSoft. The variable `DISPLAY_NAME` used in the Greetings message in the dashboard header gets populated through an Initialization Block called LOGIN Properties. Out of the box, the connection pool and SQL statements used in this init block point to the Siebel OLTP. If you are running Oracle Business Intelligence Applications and your source system is either Oracle EBS or PeopleSoft, you need to change the Connection pool and data source SQL for the Initialization Block: LOGIN Properties, as described below.

The solution to this issue is:

1. Open the `EnterpriseBusinessAnalytics.rpd` file using Oracle BI Administration Tool.
2. Navigate to `Manage > Variables` to open the Variables Manager.
3. Under `Session > Initialization Block`, select the 'LOGIN Properties' initialization block.
4. Double-click to open the properties dialog box.
5. Click on the Edit Data Source button.
6. Click on the Browse button.
7. In the Select Connection Pool window, select either Oracle EBS OLTP Connection Pool or PeopleSoft OLTP Connection Pool, depending on your OLTP system.

8. In the Default Initialization String box on the 'Session Variable Initialization Block Data Source - LOGIN Properties' window, enter the SQL as appropriate for your source system application and the database platform it is running on.

Table 1–1 Required SQL Strings For Each Source System Application And Database Combination

Source System Application (and Database Platform)	SQL required for Default Initialization String
Oracle EBS (Oracle RDBMS)	<pre> Select PER.FULL_NAME, 0 from PER_ALL_PEOPLE_F PER, FND_USER USR WHERE USR.USER_NAME= ':USER' AND USR.EMPLOYEE_ID=PER.PERSON_ID AND (SYSDATE <= USR.END_DATE OR USR.END_DATE IS NULL) AND PER.EFFECTIVE_START_DATE <= USR.START_DATE AND (USR.START_DATE < PER.EFFECTIVE_END_DATE OR PER.EFFECTIVE_END_DATE IS NULL) </pre>
PeopleSoft (Oracle RDBMS)	<pre> SELECT CASE WHEN EMPLOYEE_NAME_TODAY.EMPLID IS NULL THEN USR.OPRDEFNDESC ELSE EMPLOYEE_NAME_TODAY.NAME END DISPLAY_NAME, 0 FROM PSOPRDEFN USR LEFT OUTER JOIN (SELECT B.EMPLID, B.NAME FROM PS_NAMES B, (SELECT EMPLID, MAX(EFFDT) FROM PS_NAMES WHERE NAME_TYPE = 'PRI' AND EFFDT <= SYSDATE GROUP BY EMPLID) C WHERE B.EMPLID = C.EMPLID AND B.EFFDT = C.EFFDT AND B.NAME_TYPE = 'PRI') EMPLOYEE_NAME_TODAY ON USR.EMPLID = EMPLOYEE_NAME_TODAY.EMPLID WHERE USR.OPRID=':USER' </pre>

Table 1–1 (Cont.) Required SQL Strings For Each Source System Application And Database Combination

Source System Application (and Database Platform)	SQL required for Default Initialization String
PeopleSoft (MSSQL RDBMS)	<pre> SELECT CASE WHEN EMPLOYEE_NAME_TODAY.EMPLID IS NULL THEN USR.OPRDEFNDESC ELSE EMPLOYEE_NAME_TODAY.NAME END DISPLAY_NAME, 0 FROM PSOPRDEFN USR LEFT OUTER JOIN (SELECT B.EMPLID, B.NAME FROM PS_NAMES B, (SELECT EMPLID, MAX(EFFDT) FROM PS_NAMES WHERE NAME_TYPE = 'PRI' AND EFFDT <= GETDATE() GROUP BY EMPLID) C WHERE B.EMPLID = C.EMPLID AND B.EFFDT = C.EFFDT AND B.NAME_TYPE = 'PRI') EMPLOYEE_NAME_TODAY ON USR.EMPLID = EMPLOYEE_NAME_TODAY.EMPLID WHERE USR.OPRID=:USER' </pre>

Table 1–1 (Cont.) Required SQL Strings For Each Source System Application And Database Combination

Source System Application (and Database Platform)	SQL required for Default Initialization String
PeopleSoft (DB2 RDBMS)	<pre> SELECT CASE WHEN EMPLOYEE_NAME_TODAY.EMPLID IS NULL THEN USR.OPRDEFNDESC ELSE EMPLOYEE_NAME_TODAY.NAME END DISPLAY_NAME, 0 FROM PSOPRDEFN USR LEFT OUTER JOIN (SELECT B.EMPLID, B.NAME FROM PS_NAMES B, (SELECT EMPLID, MAX(EFFDT) FROM PS_NAMES WHERE NAME_TYPE = 'PRI' AND EFFDT <= CURRENT_TIMESTAMP GROUP BY EMPLID) C WHERE B.EMPLID = C.EMPLID AND B.EFFDT = C.EFFDT AND B.NAME_TYPE = 'PRI') EMPLOYEE_NAME_TODAY ON USR.EMPLID = EMPLOYEE_NAME_TODAY.EMPLID WHERE USR.OPRID=:USER' </pre>

1.3.12 Missing Language Folders

The following language folders are missing from the location
%:\oraclebidata\disconnected\pharma\messages.

- l_ar - Arabic
- l_el - Greek
- l_hu - Hungarian
- l_iw - Hebrew
- l_no - Norwegian
- l_pl - Polish
- l_ro - Romanian
- l_ru - Russian
- l_sk - Slovakian
- l_th - Thai
- l_tr - Turkish

To work around this issues, perform the following steps:

1. Go to %:\oraclebidata\disconnected\pharma\messages\ and add the following folders:
 - l_ar
 - l_el
 - l_hu
 - l_iw
 - l_no
 - l_pl
 - l_ro
 - l_ru
 - l_sk
 - l_th
 - l_tr
2. Copy the corresponding _iBotsCaptions.xml and PharmaCaptions.xml files from %:\oraclebidata\web\res\l_XX\Captions\to %:\oraclebidata\disconnected\pharma\messages\l_XX\.

1.3.13 Extraneous Dimension in Campaign Contacts_Segmentation Subject Area

The Campaign Contacts_Segmentation Subject Area contains an 'Industry Name' dimension that was not intended to be included in this Subject Area. Using this column in your analysis will result in a Metadata Inconsistency Error. Oracle recommends that you remove the column from the Presentation Subject Area or advise users to not use it.

1.3.14 Changes In Calculating '# of offers' Metric In Marketing Analytics

Customers on Oracle Business Intelligence Applications 7.9.5 and Siebel Marketing (OLTP) versions prior to 8.0 must make the following changes in the repository RPD file to make sure that the '# of offers' metric is calculated correctly:

1. Click on the fact 'Fact-CRM-Campaign History' in the Business Model and Mapping Layer and go to 'Sources'.
You will see two logical table sources, Fact_W_CAMP_HIST_F and Fact_W_CAMP_HIST_F_With_Offer.
2. Click on Fact_W_CAMP_HIST_F_With_Offer and activate the Logical Table Source, Fact_W_CAMP_HIST_F_With_Offer.
3. Click on the metric '# of offers' under the same Fact, 'Fact-CRM-Campaign History'.
You will see two calculations in this screen.
4. Remove the '# of offers' calculation from the Logical Table Source, Fact_W_CAMP_HIST_F.

Note: Oracle Business Intelligence Applications customers on pre-7.9.5 versions (7.9.1 or 7.9.2 or 7.9.3 or 7.9.4) and Siebel Marketing 8.0, will have to do the following:

1. Make sure that Logical Data Source Fact_W_CAMP_HIST_F is activated.

2. Add a new calculation for '# of offers' based on the table Fact_W_CAMP_HIST_F.

1.3.15 Restoring a Repository in Informatica in a Non-English Operating System

In Informatica 8.1.1, you cannot restore the Oracle_BI_DW_Base.rep file through Informatica Administration Console if Informatica is installed in a non-English operating system (for example, Chinese, Japanese, Korean). You must restore the repository by command prompt, using the following command:

```
PmRep restore -u <domain_user_name> -p <domain_user_password> -i <input_file_name>
-n
```

Note: The '-n' option is not available in the help message of PmRep in Informatica 8.1.1. However, when restoring a repository in a non-English environment, you must use '-n' option, otherwise PmRep fails to restore the repository because the repository's codepage is not matched to Informatica's codepage.

1.3.16 Error in Reports Based on 'Opportunity' Under Opportunity Contact Segmentation

This issue occurs when creating a report by selecting all of the attributes from OPPORTUNITY under the subject area, OPPORTUNITY CONTACT SEGMENTATION. If you create a report with this criteria, your system will give the following ODBC error:

```
Odbc driver returned an error (SQLExecDirectW)
Error Details
Error Codes: OPR4ONWY:U9IM8TAC:OI2DL65P State: HY000. Code: 10058. [NODBC] [SQL_
STATE: HY000] [nQSError: 10058] A general error has occurred. [nQSError: 14026]
Unable to navigate requested expression: Fact - Marketing - Segmentation
Opportunity Contact.Implicit Fact Column. Please fix the metadata consistency
warnings. (HY000) SQL Issued: SELECT Opportunity."Opportunity Name" saw_0,
Opportunity."Opportunity Account Name" saw_1, Opportunity."Oppty Status" saw_2,
Opportunity."Lead Quality" saw_3, Opportunity."Lead Age Category" saw_4,
Opportunity."Deal Size" saw_5, Opportunity."Primary Competitor" saw_6,
Opportunity."Sales Stage Name" saw_7, Opportunity."Sales Method" saw_8,
Opportunity."Targeted Opportunity Flag" saw_9, Opportunity."Reason Won or Lost"
saw_10, Opportunity."Competitor ROW_ID" saw_11, Opportunity.ROW_ID saw_12 FROM
"Opportunity Contact_segmentation" ORDER BY saw_0, saw_1, saw_2, saw_3, saw_4,
saw_5, saw_6, saw_7, saw_8, saw_9, saw_10, saw_11, saw_12 "
```

Workaround

There is no workaround for this issue.

1.3.17 Filter Non-position Based Forecasting Records in Siebel 8.1

With Siebel version 8.1's new functionality 'Customer Adaptive Forecasting', users are able to submit a forecast to a person not necessarily their manager, that is, outside of their reporting hierarchy. The resulting transaction records need to be filtered out during the extraction process to ensure inter operability with Siebel version 8.1.

1.3.18 Teradata Connection Configuration

This section is only relevant if you are running your data warehouse in a Teradata database. For detailed information about using the TPump external loader, refer to Informatica documentation and Teradata documentation.

When using a TPump command, if get the following error messages (or similar error messages), make sure that you have set the parameters listed below:

```
TRANSF_1_1_1> DBG_21216 Finished transformations for Source Qualifier [Sq_W_
POSITION_DS]. Total errors [0]
WRITER_1_*_1> WRT_8047 Error: External loader process [2192] exited with error
[12]
WRITER_1_*_1> CMN_1761 Timestamp Event: [Mon Apr 28 14:39:54 2008]
WRITER_1_*_1> WRT_8004 Writer initialization failed [Error opening session output
file [\\.\pipe\w_XXXX_dl.out] [error=]]. Writer terminating.
WRITER_1_*_1> CMN_1761 Timestamp Event: [Mon Apr 28 14:39:54 2008]
WRITER_1_*_1> WRT_8047 Error: External loader process [2192] exited with error
[12]
WRITER_1_*_1> CMN_1761 Timestamp Event: [Mon Apr 28 14:39:54 2008]
WRITER_1_*_1> WRT_8088 Writer run terminated. [External loader error.]
```

To run the Tpump loader, you need to specify the following parameters at the command line in the order specified:

- Database Name: Enter the Teradata Database name.
- Error Database Name: Enter the Teradata Database name.
- Log Table Database Name: Enter the Teradata Database name.
- Error Table name: Enter the name of the table to use as the error table.
- Log Table name: Enter the name of table to use as the log table.

Notes

The following attributes can be specified at the connection level:

Database

Error Database

Log Table Database

The following attributes are specified at the workflow level:

Error Table

Log Table

1.3.19 Bitmap Index W_GL_REVN_F_F57 Incorrectly Marked as Type ETL

The General Ledger revenue fact W_GL_RENV_F has a bitmap index W_GL_REVN_F_F57 declared on column w_gl_rev_n.f.ledger_wid. This index is incorrectly marked as an ETL index, and should be changed to Query index, as follows:

1. Start the Oracle DAC Client and log into the repository.
2. In the Design View, display the Indices tab, and query for index W_GL_REVN_F_F57.
3. On the Edit sub tab, change the **Index Usage** value from 'ETL' to 'Query'.
4. Save the changes.

1.3.20 Installation Errors With Oracle Applications Server Advanced Security Option

When installing the Oracle Business Intelligence Applications on top of an installation of the Oracle Business Intelligence Enterprise Edition that was installed using the

Oracle Applications Server advanced security option, the following error message will be displayed:

"Password length is less than the required minimum, 8"

Oracle Business Intelligence Applications installation will abort and the OracleBIAnalyticsApps.rpd file will be corrupted.

The error happens because the MINIMUM_PASSWORD_LENGTH setting in the NQSConfig.ini file was set to 8 by the Oracle Business Intelligence Enterprise Edition installation. The workaround is to change the value of MINIMUM_PASSWORD_LENGTH to 0 in NQSConfig.ini, install Oracle Business Intelligence Applications, then change the value back to 8.

1.3.21 SDE_ORA_ExchangeRateGeneral Failure With Oracle DB Version 8i

Oracle database version 8i does not support the extract SQL used in the SDE_ORA_ExchangeRateGeneral task.

The ETL process fails with error message: error ORA-00932: inconsistent datatypes.

Workaround

The workaround is to modify the SQL to explicitly cast the Data type so that the DBMS can process the SQL, as follows:

1. In PowerCenter Designer, open the SDE folder for your application (for example, SDE_ORA1158_Adaptor).
2. In the Mapplet Designer, check out and open the mapplet mplt_BC_ORA_RateGeneral_Compress.
3. Edit the Source Qualifier to display the Edit Transformations dialog.
4. Display the Properties tab.
5. In the **Sql Query** Transformation Attribute, replace the Value with the following SQL statement:

```
SELECT
FROM_CURRENCY, TO_CURRENCY, CONVERSION_DATE, CONVERSION_TYPE, CONVERSION_RATE,
STATUS_CODE, CREATED_BY, LAST_UPDATED_BY, CREATION_DATE, LAST_UPDATE_DATE, CASE
WHEN NEXT_DT = SYSDATE-100000 AND PREV_DT = SYSDATE-100000 THEN DATE_FOR_WRAP
/*If the bucket has only one row, no need to wrap from the next row [Dt, Dt+1]
is what we need*/ ELSE to_date(to_char(LEAD(DATE_FOR_WRAP, 1) OVER (PARTITION
BY
FROM_CURRENCY,TO_CURRENCY,CONVERSION_TYPE ORDER BY
FROM_CURRENCY,TO_CURRENCY,CONVERSION_TYPE, CONVERSION_DATE), 'MM/DD/YYYY
HH24:MI:SS'), 'MM/DD/YYYY HH24:MI:SS') END TO_DATE, /*Otherwise the wrap the
next row as end date*/ CASE WHEN NEXT_DT = SYSDATE-100000 AND PREV_DT <>
SYSDATE-100000 THEN
'Filter' ELSE 'Keep' END FILTER /*Filter out rows for constructing Bucket
only*/
FROM
(SELECT FROM_CURRENCY, TO_CURRENCY, to_date(to_char(CONVERSION_DATE, 'MM/DD/YYYY
HH24:MI:SS'), 'MM/DD/YYYY HH24:MI:SS') CONVERSION_DATE, CONVERSION_TYPE,
CONVERSION_RATE, STATUS_CODE, CREATED_BY , LAST_UPDATED_BY , CREATION_DATE ,
LAST_UPDATE_DATE, to_date(to_char(CASE WHEN CONVERSION_DATE <> PREV_DT + 1 THEN
SYSDATE-100000 ELSE PREV_DT END, 'MM/DD/YYYY HH24:MI:SS'), 'MM/DD/YYYY
HH24:MI:SS') PREV_DT, /*Equalize first row after the break to a Bucket Start*/
to_date(to_char(CASE WHEN CONVERSION_DATE <> NEXT_DT - 1 THEN SYSDATE-100000
ELSE NEXT_DT END, 'MM/DD/YYYY HH24:MI:SS'), 'MM/DD/YYYY HH24:MI:SS') NEXT_DT,
/*Equalize last row before the break to a Bucket End*/ to_date(to_char(CASE
```

```

WHEN NEXT_DT = SYSDATE-100000 OR CONVERSION_DATE <>
NEXT_DT - 1 THEN CONVERSION_DATE + 1 ELSE CONVERSION_DATE END, 'MM/DD/YYYY
HH24:MI:SS'), 'MM/DD/YYYY HH24:MI:SS') DATE_FOR_WRAP /*If it's the end of the
Bucket DT+1 should be the D2 value of [D1, D2)*/
FROM
(SELECT FROM_CURRENCY, TO_CURRENCY, to_date(to_char(CONVERSION_DATE, 'MM/DD/YYYY
HH24:MI:SS'), 'MM/DD/YYYY HH24:MI:SS') CONVERSION_DATE, CONVERSION_TYPE,
CONVERSION_RATE, STATUS_CODE, CREATED_BY , LAST_UPDATED_BY , CREATION_DATE ,
LAST_UPDATE_DATE, LAG(CONVERSION_RATE, 1, -1) OVER (PARTITION BY FROM_
CURRENCY, TO_CURRENCY, CONVERSION_TYPE, CONVERSION_RATE ORDER BY FROM_
CURRENCY, TO_CURRENCY, CONVERSION_TYPE, CONVERSION_DATE, CONVERSION_RATE)
PREV_RATE, to_date(to_char(LAG(CONVERSION_DATE, 1, SYSDATE-100000) OVER
(PARTITION BY
FROM_CURRENCY, TO_CURRENCY, CONVERSION_TYPE, CONVERSION_RATE ORDER BY
FROM_CURRENCY, TO_CURRENCY, CONVERSION_TYPE, CONVERSION_DATE,
CONVERSION_RATE), 'MM/DD/YYYY HH24:MI:SS'), 'MM/DD/YYYY HH24:MI:SS') PREV_DT,
to_date(to_char(LEAD(CONVERSION_DATE, 1, SYSDATE-100000) OVER (PARTITION BY
FROM_CURRENCY, TO_CURRENCY, CONVERSION_TYPE, CONVERSION_RATE ORDER BY
FROM_CURRENCY, TO_CURRENCY, CONVERSION_TYPE, CONVERSION_DATE,
CONVERSION_RATE), 'MM/DD/YYYY HH24:MI:SS'), 'MM/DD/YYYY HH24:MI:SS') NEXT_DT
FROM GL_DAILY_RATES,
(SELECT FROM_CURRENCY V_FROM_CURRENCY, TO_CURRENCY V_TO_CURRENCY, CONVERSION_
TYPE V_CONVERSION_TYPE, min(CONVERSION_DATE) V_CLEANUP_DATE
FROM GL_DAILY_RATES
WHERE
LAST_UPDATE_DATE > TO_DATE('$$LAST_EXTRACT_DATE', 'MM/DD/YYYY HH24:MI:SS')
AND CONVERSION_DATE > SYSDATE - $$XRATE_UPD_NUM_DAY
GROUP BY
FROM_CURRENCY,
TO_CURRENCY,
CONVERSION_TYPE) V
WHERE
GL_DAILY_RATES.CONVERSION_DATE > SYSDATE - $$XRATE_UPD_NUM_DAY AND
GL_DAILY_RATES.CONVERSION_DATE >= V.V_CLEANUP_DATE AND
GL_DAILY_RATES.FROM_CURRENCY = V.V_FROM_CURRENCY AND
GL_DAILY_RATES.TO_CURRENCY = V.V_TO_CURRENCY AND
GL_DAILY_RATES.CONVERSION_TYPE = V.V_CONVERSION_TYPE
)
WHERE CONVERSION_RATE <> PREV_RATE /*If rate is the same, should filter them
to compress*/
OR CONVERSION_DATE <> PREV_DT +1 /*First row of a bucket*/
OR CONVERSION_DATE <> NEXT_DT -1 /*Last row of a bucket*/
)

```

6. Validate, save, and check-in the mapping.
7. In PowerCenter Workflow Manager, open the SDE folder for your application (for example, SDE_ORA1158_Adaptor).
8. Open the Sessions folder.
9. Check out, validate and save the session SDE_ORA_ExchangeRateGeneral_Compress.
10. Check out and open the session SDE_ORA_ExchangeRateGeneral_Compress_Full to display the Edit Tasks dialog.
11. Display the Mapping tab.
12. Click on Sources in the left hand pane.
13. In the Properties area, select the **Sql Query** attribute, and replace the Value with the following SQL statement:

```

SELECT
FROM_CURRENCY, TO_CURRENCY, CONVERSION_DATE, CONVERSION_TYPE,
CONVERSION_RATE, STATUS_CODE, CREATED_BY , LAST_UPDATED_BY ,
CREATION_DATE , LAST_UPDATE_DATE,
CASE WHEN NEXT_DT = SYSDATE-100000 AND PREV_DT = SYSDATE-100000 THEN
DATE_FOR_WRAP /*If the bucket has only one row, no need to wrap from the next
row [Dt, Dt+1) is what we need*/
ELSE to_date(to_char(LEAD(DATE_FOR_WRAP, 1) OVER (PARTITION BY
FROM_CURRENCY,TO_CURRENCY,CONVERSION_TYPE ORDER BY
FROM_CURRENCY,TO_CURRENCY,CONVERSION_TYPE, CONVERSION_DATE), 'MM/DD/YYYY
HH24:MI:SS'), 'MM/DD/YYYY HH24:MI:SS') END TO_DATE, /*Otherwise the wrap the
next row as end date*/
CASE WHEN NEXT_DT = SYSDATE-100000 AND PREV_DT <> SYSDATE-100000 THEN
'Filter' ELSE 'Keep' END FILTER /*Filter out rows for constructing Bucket
only*/
FROM
(SELECT
FROM_CURRENCY, TO_CURRENCY, to_date(to_char(CONVERSION_DATE, 'MM/DD/YYYY
HH24:MI:SS'), 'MM/DD/YYYY HH24:MI:SS') CONVERSION_DATE, CONVERSION_TYPE,
CONVERSION_RATE, STATUS_CODE, CREATED_BY , LAST_UPDATED_BY ,
CREATION_DATE , LAST_UPDATE_DATE, to_date(to_char(CASE WHEN CONVERSION_
DATE <> PREV_DT + 1
THEN SYSDATE-100000 ELSE PREV_DT END, 'MM/DD/YYYY HH24:MI:SS'), 'MM/DD/YYYY
HH24:MI:SS') PREV_DT, /*Equalize first row after the break to a Bucket
Start*/ to_date(to_char(CASE WHEN CONVERSION_DATE <> NEXT_DT - 1 THEN
SYSDATE-100000 ELSE NEXT_DT END, 'MM/DD/YYYY HH24:MI:SS'), 'MM/DD/YYYY
HH24:MI:SS') NEXT_DT, /*Equalize last row before the break to a Bucket End*/
to_date(to_char(CASE WHEN NEXT_DT = SYSDATE-100000 OR CONVERSION_DATE <>
NEXT_DT - 1 THEN CONVERSION_DATE + 1 ELSE CONVERSION_DATE END, 'MM/DD/YYYY
HH24:MI:SS'), 'MM/DD/YYYY HH24:MI:SS') DATE_FOR_WRAP /*If it's the end of the
Bucket DT+1 should be the D2 valur of [D1, D2)*/
FROM
(SELECT
FROM_CURRENCY, TO_CURRENCY, to_date(to_char(CONVERSION_DATE, 'MM/DD/YYYY
HH24:MI:SS'), 'MM/DD/YYYY HH24:MI:SS') CONVERSION_DATE, CONVERSION_TYPE,
CONVERSION_RATE, STATUS_CODE, CREATED_BY , LAST_UPDATED_BY ,
CREATION_DATE , LAST_UPDATE_DATE, LAG(CONVERSION_RATE, 1, -1) OVER
(PARTITION BY FROM_CURRENCY,TO_CURRENCY,CONVERSION_TYPE, CONVERSION_RATE ORDER
BY FROM_CURRENCY,TO_CURRENCY,CONVERSION_TYPE,CONVERSION_DATE, CONVERSION_RATE)
PREV_RATE,
to_date(to_char(LAG(CONVERSION_DATE, 1, SYSDATE-100000) OVER (PARTITION BY
FROM_CURRENCY,TO_CURRENCY,CONVERSION_TYPE, CONVERSION_RATE ORDER BY
FROM_CURRENCY,TO_CURRENCY,CONVERSION_TYPE,CONVERSION_DATE,
CONVERSION_RATE), 'MM/DD/YYYY HH24:MI:SS'), 'MM/DD/YYYY HH24:MI:SS') PREV_DT,
to_date(to_char(LEAD(CONVERSION_DATE, 1, SYSDATE-100000) OVER (PARTITION BY
FROM_CURRENCY,TO_CURRENCY,CONVERSION_TYPE, CONVERSION_RATE ORDER BY
FROM_CURRENCY,TO_CURRENCY,CONVERSION_TYPE,CONVERSION_DATE,
CONVERSION_RATE), 'MM/DD/YYYY HH24:MI:SS'), 'MM/DD/YYYY HH24:MI:SS') NEXT_DT
FROM
GL_DAILY_RATES
)
WHERE CONVERSION_RATE <> PREV_RATE /*If rate is the same, should filter them
to compress*/
OR CONVERSION_DATE <> PREV_DT +1 /*First row of a bucket*/
OR CONVERSION_DATE <> NEXT_DT -1 /*Last row of a bucket*/
)

```

14. Validate, save, and check-in the session.

1.3.22 No Data Is Loaded Into W_BOM_ITEM_F and W_BOM_ITEM_FS

The mapping SDE_ORA_BOMItemFact needs to call a Stored Procedure (SP) in the Oracle EBS instance, which inserts rows into a global temporary table (duration SYS\$SESSION, that is, the data will be lost if the session is closed). This Stored Procedure does not have an explicit commit. The Stored Procedure then needs to read the rows in the temporary table into the warehouse.

In order for the mapping to work, Informatica needs to share the same connection for the SP and the SQL qualifier during ETL. This feature was available in the Informatica 7.X release, but it is not available in the Informatica release 8.1.1 (SP4). As a result, W_BOM_ITEM_FS and W_BOM_ITEM_F are not loaded properly.

Workaround

For all Oracle EBS customers:

1. Open package body bompexpl.
2. Look for text "END exploder_userexit;"; scroll a few lines above, and add a "commit;" command before "EXCEPTION".
3. Save and compile the package.

In addition, customers with Oracle EBS 11.5.9 and above must do the following:

1. Connect to your OLTP using user BOM.
2. Recreate the BOM_EXPLOSION_TEMP as a regular table (that is, not as a global temporary table).
3. Connect to your OLTP using user apps, recreate synonym BOM_EXPLOSION_TEMP to table bom.BOM_EXPLOSION_TEMP.

1.3.23 Issue with DB2 9.1 Databases During Full ETL Loads

During full ETL loads using DB2 9.1 databases, the truncate task fails. This issue generates an error message in the DAC log file similar to the following:

```
Failed : SIEBTRUN ('@TABLEOWNER.W_QUOTE_MD') With error message:
COM.ibm.db2.jdbc.DB2Exception: [IBM][CLI Driver][DB2/AIX64]
SQL0668N Operation not allowed for reason code "3" on table
"SIEBEL.W_QUOTE_MD". SQLSTATE=57016.
```

This issue occurs only during full loads. It does not occur during incremental loads, because tables are not truncated during incremental loads.

Workaround

This issue is described as "table in load pending state," and no code fix is needed. The table needs to be reverted back to its normal state. The ETL should then run without any further issues. It is recommended that a DBA assists in performing this workaround.

1.3.24 Issue with DB2 Databases running Pharma Analytics on AIX and UNIX Platforms

This issue affects Pharma Analytics on DB2 databases running on AIX or UNIX platforms.

In AIX, UNIX, and DB2 platforms, the ETL task LS_SIL_ListOfValuesUnboundedDimension_LoadSyndicatedType_Full fails because the parameter file name is too long.

The following error message is generated in the Informatica Workflow log:

```
Error in Informatica Workflow Log

Session task instance [LS_SIL_ListOfValuesUnboundedDimension_
LoadSyndicatedType_Full]: [VAR_27026

Error: Missing initial value for session
parameter:[$DBConnection_OLAP].]

Session task instance [LS_SIL_ListOfValuesUnboundedDimension_
LoadSyndicatedType_Full]: [TM_6270

Error: Variable parameter expansion error.]
```

Workaround

This issue needs to be fixed in the Informatica and in the DAC Repositories.

In Informatica, perform the following procedure.

1. Launch Informatica Workflow Manager.
2. Login to the Informatica Repository.
3. Open the folder SIL_Vert.
4. Check out Workflow LS_SIL_ListOfValuesUnboundedDimension_LoadSyndicatedType.
5. Choose **Edit** from the Workflows dropdown menu, and then change its name to LS_SIL_LOVUnboundedDim_LoadSyndType.
6. Check out Workflow LS_SIL_ListOfValuesUnboundedDimension_LoadSyndicatedType_Full.
7. Choose **Edit** from the Workflows dropdown menu, and then change its name to LS_SIL_LOVUnboundedDim_LoadSyndType_Full.
8. Save the changes.
9. Check in your changes.

In the DAC, perform the following procedure.

1. Start the DAC Client.
2. Log in to the DAC Repository.
3. Click Design > Task.
4. Change container to Data Warehouse.
5. Click on Query and enter LS Load into List Of Values Unbounded Dimension for Syndicated Type in the **Name** field.
6. Click Go.
7. Change the **Command For Incremental Load** field to LS_SIL_LOVUnboundedDim_LoadSyndType.
8. Change Command For Full Load to LS_SIL_LOVUnboundedDim_LoadSyndType_Full.
9. Click Save.
10. Right click the task and choose **Ownership > Push to References**.
11. Click Yes.

12. Click OK .

1.3.25 Error Running ETL Using Pharma 8.1.1 CRM

While running Full ETL using a Siebel ePharma 8.1.1 execution plan, the LS_SIL_PriorityLovDimension_Full fails with an error. This is because the input port DATASOURCE_NUM_ID is added into mapplet mplt_SIL_ListOfValuesDimension, but the mapping does not provide input link for it.

To correct this error, perform the following steps in Informatica Designer.

1. Open Mapping LS_SIL_PriorityLovDimension.
2. Link port DATASOURCE_NUM_ID from Expression EXPTRANS to input port DATASOURCE_NUM_ID in mapplet mplt_SIL_ListOfValuesDimension.
3. Save the changes.

1.3.26 Oracle Business Intelligence AA Financials Do Not Support Extracting Statistical GL Balances or Journals

This issue is specific to Oracle EBS adaptors used in conjunction with Financial Analytics. Currently Oracle Business Intelligence AA Financials do not support extracting statistical GL balances or journals.

No accounts or transactions with a STAT currency code are brought into the warehouse. The existing default mapping SDE_ORA_GLBalanceFact and SDE_ORA_GLJournals contain filter to filter out the 'STAT' records.

To support 'STAT' currency:

1. Log into Informatica Designer.
2. Open the SDE folder.
3. Locate the mappings SDE_ORA_GLBalanceFact.
4. Open the mapplet mplt_BC_ORA_GL_Balance_Fact.
5. Remove or comment out the line 'AND GL_BALANCES.CURRENCY_CODE <> 'STAT'' from SQL Qualifier.
6. Save the changes.

To map the SDE_ORA_GLJournals:

1. Log into Informatica Designer.
2. Open the SDE folder.
3. Locate the mappings SDE_ORA_GLJournals.
4. Open the mapplet mplt_BC_ORA_GLXactsJournalsExtract.
5. Remove or comment out the line 'AND GL_JE_HEADERS.CURRENCY_CODE<>'STAT'' from SQL Qualifier.
6. Save the changes.

1.3.27 Division Name Pointing to an Obsolete Column in Oracle Sales Analytics

In Oracle Sales Analytics deployments, the dimension column 'Organization ->Division Name' refers to the Employee's Division, which is the Business Unit Name in Siebel. Refer to web catalog folder under the Usage Accelerator Subjects Areas named Usage Accelerator Current and Usage Accelerator Summary. Division Name

points to the physical column, W_INT_ORG_D.BU_NAME, which is obsolete from Oracle Business Intelligence Applications Version 7.9.5 and later.

Workaround

The workaround is to add BU_WID to UA facts that are in use, in two steps: In the ETL and in the RPD.

In the ETL, do the following:

1. Extend each fact, including temp tables (for example, W_UAEMP_TMP) with BU_WID. This enables you to make the new physical alias of W_INT_ORG_D for BU conform across all facts in UA (see RPD steps below).
2. Verify that the BU_ID currently in WS_POSTN is correct. If it is incorrect, add new column.
3. Extend W_UAPOS_TMP with BU_WID and modify the mapping to load it. Modify related SIL mappings to populate the BU_WID in each fact from W_UAPOS_TMP.

In the RPD, do the following:

1. In the Physical Layer, create a new physical alias of W_INT_ORG_D.
2. In the Business Model and Mapping layer, create a new logical dimension for BU from the alias.
3. Create a simple hierarchy for the new BU logical dim.
4. Join (logically and physically) to the facts by BU_WID.
5. In the Presentation Layer, add the BU name from new BU logical dimension.
6. Update the reports (if any) following the presentation changes.

Note: If you are upgrading from a version prior to BI Apps 7.9.5, you might need to fix the old fact records by a suitable means, such as creating a Workflow.

1.3.28 FIND_AUDIT_VALUES Transformation Inside SDE_OptyStgFact is Missing in the Teradata ETL Repository

This issue affects all Oracle Sales Analytics customers on above OBIA Releases using Siebel as the source system with Teradata database as target.

Workaround

1. Log on to Informatica PowerCenter Designer, and open the Mapping Designer tool.
2. Open the Folder SDE_SBL_80_Adaptor_TD.
3. Delete the mapping SDE_OptyStgFact from the folder, which is a shortcut from the folder SDE_SBL_78_Adaptor.
4. Create a new shortcut of the mapping SDE_OptyStgFact from the folder SDE_SBL_80_Adaptor in the SDE_SBL_80_Adaptor_TD, and then re-name it to SDE_OptyStgFact.
5. Save the Changes and refresh the corresponding session in Informatica PowerCenter Workflow Manager for the changes to take effect.

To deploy the Stored Procedure on the source system, do the following:

1. Navigate to the OracleBI\dwrep\Informatica\Stored_Procedure_Scripts folder.
2. Open the folder appropriate to your database platform, and copy the source code from the file FIND_AUDIT_VALUES.sql into source system schema.
3. Compile the stored procedures in the source system schema.

Note: If you need assistance in deploying the stored procedures, see your Database Reference guide, or contact your database administrator.

1.3.29 EMPLOYEE NAME (From POSITION Dimension) Shows Incorrectly in Reports

This issue affects OBIA release 7.9.5.1. Previous releases will also be impacted if OBIEE has been upgraded to 10.1.3.4.x or later.

This issue affects customers using out-of-the-box reports in Oracle Sales Analytics (including Usage Accelerator module of Sales Analytics).

In many out-of-the-box reports, the 'Employee Full Name' column is defaulted as the full name of the logged in user, sourced from the Position Dimension. To achieve this, the CHOOSE function is used in the expression builder in the Oracle BI Answers report. However, the CHOOSE function fails to fetch the name of the logged in user correctly, since some changes were made in Oracle BI-EE 10.1.3.4.x. Instead, it displays the name of the top level employee (the first column in the CHOOSE statement), for users at any level. However, the metrics are shown correctly. Examples of reports impacted:

- Shared Folders: Sales: Pipeline: Overview/My Top Stalled Opportunities
- Shared Folders: Sales: Pipeline: Subordinates/Pipeline by Subordinate

Workaround

Note: The IndexCol function in this definition makes the Hierarchy-Based Column default to one of the columns in the Position table based on the value of HIER_LEVEL. So if the value of HIER_LEVEL is 0, the new column will default to the first column in the list, and so on.

1. Open the report and click on **Modify**.
2. On the Criteria tab, go to 'Full Name' column and click on **fx** to display the 'Edit Column Formula' window.
3. Replace the existing column formula with the following one:

```
INDEXCOL (VALUEOF (NQ_SESSION.HIER_LEVEL) , Position."Current Top  
Employee Full Name", Position."Current Level 16 Employee Full  
Name", Position."Current Level 15 Employee Full Name",  
Position."Current Level 14 Employee Full Name",  
Position."Current Level 13 Employee Full Name",  
Position."Current Level 12 Employee Full  
Name", Position."Current Level 11 Employee Full Name",  
Position."Current Level 10 Employee Full Name",  
Position."Current Level 9 Employee Full Name",  
Position."Current Level 8 Employee Full Name",
```



```

Position."Current Level 7 Employee Full Name",
Position."Current Level 6 Employee Full Name",
Position."Current Level 5 Employee Full Name",
Position."Current Level 4 Employee Full Name",
Position."Current Level 3 Employee Full Name",
Position."Current Level 2 Employee Full Name",
Position."Current Level 1 Employee Full Name",
Position."Current Base Employee Full Name")

```

1.3.30 Securing the Employee Dimension

Employee Dimension is unsecured by users' data row-level security. When a user wishes to create an employee listing report that only includes attributes from the employee dimension without selecting any metric, he/she will see all employees and contingent workers in the organization regardless of his/her security access. However, appropriate data security will be applied when a metric is included in the report along with employee dimension attributes. This occurs because data security filters are only applied to fact tables but not dimensions. By selecting a metric in a report, it enables data access security to be applied to the fact table based on the user's access profile. In addition, the data security is enforced through one of the securable dimensions such as organization or supervisor dimension.

Workaround

When you create a report, include a metric in the report.

1.3.31 Quote Item Fact Not Secured By Position Hierarchy

This issue affects customers using Oracle Sales Analytics with a Siebel source system.

Reports that use Quote Item metrics along with Order Item metrics (for example, Shared Folders: Sales: Customers: Accounts / Quote & Order History) fail when accessed by users with data security restrictions.

Additionally, ad-hoc reports created from the following Subject Areas in Oracle Sales Analytics that involve the Quote Item fact would either fail or will not show proper data due to the non-implementation of data security:

- Sales – CRM Customer Overview
- Sales – CRM Quotes

Workaround

1. In Oracle BI Administration Tool, open the Oracle BI repository file OracleBIAnalyticsApps.rpd.
2. Expand the CORE business catalog in the logical layer and navigate to **Fact - CRM - Quotidian**.
3. Highlight this logical fact and also select the logical dimension "Dim – Position Security", then right click and choose **Business Model Diagram -> Selected Tables Only**.

A Logical Diagram window pops up with the selected logical objects.

4. Create a complex join starting from **Dim – Position Security** to **Fact – CRM – Quote Item**.

Click **OK** and close the window.

5. Double click the Logical Table Source **Fact_W_QUOTEITEM_F** from the logical fact table **Fact – CRM – Quote Item**.
6. On the Properties window, display the Content pane.
7. From the Dimension list, choose **Security Dimension** and set the logical level as **Security Detail**.

Follow similar steps for the other Logical Table Sources (**Fact_W_QUOTE_F**, **Fact_W_QUOTEITEM_F_Quarter_Ago**, **Fact_W_QUOTEITEM_F_Year_Ago**).

8. Set the Logical level to **Security Detail** for all above-mentioned Logical Table Sources.
9. To modify the data-filter, navigate to Manage -> Security from the RPD Menu.
10. Select **Groups** from the left pane.
11. In the right pane, double click on the group **Primary Employee/Position Hierarchy-based Security** to open the group's properties.
12. Click **Permissions** and navigate to Filters Pane from the Pop-up.
13. Select **Add** to create a new data filter and choose the logical fact **Fact – CRM – Quote Item**.

Once the selection is made, a new filter for the logical fact is created.

14. Add the business model filter **Core."Dim - Position Security"."Hierarchy Based Column" = VALUEOF(NQ_SESSION."USER")**.

Select **OK** and close the window.

15. Save the RPD file.