Oracle® Retail Plan

Release Notes

Release 12.3

November 2009

Welcome to Oracle® Retail Plan Release 12.3.

This document highlights the enhancements and fixed defects included in this release. It also describes how you can upgrade to this release. It includes the following sections:

- Technical Enhancements
- Upgrading to Plan Release 12.3
- Customer Support
- Review Patch Documentation
- Oracle Retail Documentation on the Oracle Technology Network

Technical Enhancements

This release of Plan includes the following technical enhancements:

- Database and Platform Support
- Purge Utility Script

Database and Platform Support

Internal Reference Number – 12521

The Plan application is now supported on Oracle Database 10g Release 2, Enterprise Edition (10.2.0.4) and BEA WebLogic Server 10.0 MP1 on the following platform:

- **Oracle Database 10g Release 2, Enterprise Edition (10.2.0.4)**
  - HP-UX 11i v3 Update 1 (11.31), Itanium-based
- **BEA WebLogic Server 10.0 MP1**
  - Oracle Enterprise Linux Release 5.0 Update 2
  - JRockit 5.0 R27.3.1 JDK (32-bit)

For more information, refer to the *Oracle Retail Plan Installation Guide*.

Purge Utility Script

Internal Reference Number – 9897

The Plan application now includes the Purge utility (*aepurge.sh*) script that enables the administrator to manage growth of data in the application while preserving the data

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quality required to support routine application features and reporting. For more information, refer to the *Oracle Retail Plan Operations Guide*.

Upgrading to Plan Release 12.3

Once you obtain the installation media, you must first set up the installation properties file for the upgrade, and then launch the Oracle Retail Installer. This section describes the steps you must use to upgrade to the Plan Release 12.3. It also lists the properties you must set for the upgrade.

> **Note:** This release contains the files that were added or updated since Oracle Retail Plan Release 12.2.3. Before you upgrade to this release, ensure that you have the Plan Release 12.2.3 and all relevant hot fixes installed.

To upgrade to Plan Release 12.3:

> **Important:** Before you start the upgrade, Oracle recommends that you back up the existing database.

1. In the Plan installation folder, set up the following parameters in the *install.properties* file:

Table 1   Set Up Parameters

Parameter	Value
Audit Schema Properties	
database.auditdb.oracle.create	no
database.auditdb.oracle.upgrade	yes
Common (Main) Schema Properties	
database.commondb.oracle.create	no
database.commondb.oracle.upgrade	yes
Place Schema Properties	
database.placedb.oracle.create	no
database.placedb.oracle.upgrade	yes
Plan Schema Properties	
database.plandb.oracle.create	no
database.plandb.oracle.upgrade	yes
ELM Schema Properties	
database.elmdb.oracle.create	no
database.elmdb.oracle.upgrade	yes
RDM Schema Properties	
database.rdmdb.oracle.create	no
database.rdmdb.oracle.upgrade	yes

Table 1 (Cont.) Set Up Parameters

Parameter	Value
OPT Schema Properties	
database.dogwooddb.oracle.create	no
database.dogwooddb.oracle.upgrade	yes
Merchant Desktop Schema Properties	
database.desktopdb.oracle.create	no
database.desktopdb.oracle.upgrade	yes

2. Launch the upgrade process in one of the following modes:

   - Silent mode (non GUI)

     To run the upgrade in the Silent mode, run the following command:

     ```
     bash install.sh -s -p <path-to-install.properties>
     ```

   - Graphical mode (using the Oracle installer)

     To run the upgrade in the Graphical mode, run the following command:

     ```
     bash install.sh
     ```

3. Once the installation is complete, restart the WebLogic server for the changes to take effect.

   For more information on the install.properties parameters or the installation commands, refer to the chapter *Installing Plan* in the *Oracle Retail Plan Installation Guide*.

4. In a Plan and Place co-deployed scenario, you must set up the Foreign JMS Server capability in the WebLogic server. For more information, see Setting Up Foreign JMS Server in WebLogic.

Setting Up Foreign JMS Server in WebLogic

In a Plan-Place co-deployed implementation (over single instances or clusters), you must set up the Foreign JMS Server capability in WebLogic so that the stores information is synchronized and accessible through both the applications.

> **Note:** During the installation, a JMS topic with the JNDI name "com.profitlogic.notification.topic" may already have got installed. Before proceeding ahead, ensure that this JMS topic is deleted.

To set up a foreign JMS Server:

1. As an administrator, log on to the WebLogic Server console.

2. Create a JMS connection factory.

3. Once created, target, and deploy the connection factory on the Plan cluster or instance. The JNDI name must be the same as the "connection-factory-jndi-name" value set in the "weblogic-ejb-jar" for the "StoreSetChangeHandler" MDB.

   For example,

```
Name: CommonConnectionFactory
JNDI Name:  CommonConnectionFactory
```

4. Configure a new Foreign JMS Server.

5. Once created, target, and deploy the Foreign JMS server on the Place cluster or instance.

   For example,

   ```
   Name: NotificationJMSServer
   JNDI Initial Context Factory:  weblogic.jndi.WLInitialContextFactory
   JNDI Connection URL: t3://<Plan-Host-Name>:<port> (Provide a Plan application
   URL)
   ```

6. Create a Foreign JMS connection factory and specify the local and remote JNDI names set for *CommonConnectionfactory*.

   For example,

   ```
   Name: RemoteConnectionfactory
   Local JNDI Name:  CommonConnectionFactory
   Remote JNDI Name: CommonConnectionFactory
   ```

7. Configure a new Foreign JMS Topic and point it to the topic created under the CommonJMSServer deployed on Plan.

   For example,

   ```
   Name: RemoteNotificationTopic
   Local JNDI Name:  com.profitlogic.notification.topic
   Remote JNDI Name: com.profitlogic.notification.topic
   ```

   > **Note:** The 'com.profitlogic.notification.topic' used above is the JNDI name of NotificationEventTopic under CommonJMSServer.

8. Restart the servers.

For more information on the Foreign JMS Server configuration, refer to the *WebLogic Administration Console Online Help*.

In a clustered implementation, since the Place JMS configuration depends on Plan and the two servers are started concurrently, the following exception may get logged during the start up in the Place logs:

```
Registering Application: Store set
com.profitlogic.common.notification.EventException:(1217324969224:0): JNDI lookup
failure[javax.naming.CommunicationException [Root exception is
java.net.ConnectException: t3://<host>:<port>: Destination unreachable; nested
exception is:
java.net.ConnectException: Connection refused; No available router to
destination]]
<.......... More exceptions>
```

Since the JNDI lookup is retrieved by the Place server after start up, such an exception can be ignored during the start up. To avoid this exception, the Place server must be started sequentially after the Plan server.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:

- https://support.oracle.com

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to recreate
- Exact error message received
- Screen shots of each step you take

Review Patch Documentation

If you are installing the application for the first time, you install either a base release (for example, 12.2) or a later patch release (for example, 12.2.3). If you are installing a software version other than the base release, be sure to read the documentation for each patch release (since the base release) before you begin installation. Patch documentation can contain critical information related to the base release and code changes that have been made since the base release.

Oracle Retail Documentation on the Oracle Technology Network

In addition to being packaged with each product release (on the base or patch level), all Oracle Retail documentation is available on the following Web site (with the exception of the Data Model which is only available with the release packaged code):

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

Documentation should be available on this Web site within a month after a product release. Note that documentation is always available with the packaged code on the release date.

Value-Added Reseller (VAR) Language

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