

**Oracle® Retail Data Warehouse**  
Installation Guide  
Release 13.0.1 Patch

June 2008

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# Preface

Oracle Retail Installation Guides contain the requirements and procedures that are necessary for the retailer to install Oracle Retail products.

## Audience

This Installation Guide is written for the following audiences:

- Database administrators (DBA)
- System analysts and designers
- Integrators and implementation staff

## Related Documents

You can find more information about this product in these resources:

- Oracle Retail Data Warehouse Operations Guide
- Oracle Retail Data Warehouse Release Notes
- Oracle Retail Data Warehouse User Guide
- Oracle Retail Data Warehouse Data Model
- Oracle Business Intelligence Enterprise Edition (OBI EE) documentation

## Customer Support

<https://metalink.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 re-create
- Exact error message received
- Screen shots of each step you take

## Review Patch Documentation

For a base release (".0" release, such as 13.0), Oracle Retail strongly recommends that you read all patch documentation before you begin installation procedures. Patch documentation can contain critical information related to the base release, based on new information 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:

[http://www.oracle.com/technology/documentation/oracle\\_retail.html](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.

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## Conventions

**Navigate:** This is a navigate statement. It tells you how to get to the start of the procedure and ends with a screen shot of the starting point and the statement “the Window Name window opens.”

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**Note:** This is a note. It is used to call out information that is important, but not necessarily part of the procedure.

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This is a code sample  
It is used to display examples of code

A [hyperlink](#) appears like this.

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# Preinstallation Tasks

## Check Database Server Requirements

General Requirements for a database server running Oracle Retail Price Management include:

Supported on:	Versions Supported:
Database Server OS	UNIX based OS certified with Oracle RDBMS 10gR2 Enterprise Edition <ul style="list-style-type: none"> <li>▪ Oracle Enterprise Linux 4 Patch 5 for Linux x86-64</li> <li>▪ Solaris 10 (SPARC)</li> <li>▪ HP-UX 11.23 (Integrity)</li> <li>▪ AIX 5.3</li> </ul>
Database Server	Oracle RDBMS 10g Release 2 Enterprise Edition (minimum 10.2.0.3 patchset required) with the following patches and components: <p>Patches:</p> <ul style="list-style-type: none"> <li>▪ 5397953 (ORA-07445: [KKPAPITGETALL()+2152] [SIGSEGV] [ADDRESS NOT MAPPED TO OBJECT] [0X34])</li> <li>▪ 5648872 (SCHEDULER ORA-07445 [OPIDSA()+321] WHEN SETTING UP CHAIN TEST)</li> <li>▪ 5921386 (WRONG RESULT WITH MERGE JOINT OUTER IN THE EXECUTION PLAN)</li> </ul> <p>RAC Only</p> <ul style="list-style-type: none"> <li>▪ 5721821 (ORA-7445[KGLOBCL] OCCURED AND INSTANCE WENT DOWN)</li> </ul> <p>Components:</p> <ul style="list-style-type: none"> <li>▪ Oracle Database 10g</li> <li>▪ Oracle Partitioning</li> <li>▪ Oracle Net Services</li> <li>▪ Oracle Call Interface (OCI)</li> <li>▪ Oracle Programmer</li> <li>▪ Oracle XML Development Kit</li> </ul> ANSI compliant C compiler (certified with OS and database version) x-Windows interface

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## Check Application Server Requirements

General requirements for an application server capable of running the Oracle Retail Price Management application include:

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<b>Supported on:</b>	<b>Versions Supported:</b>
Application Server OS	UNIX based OS certified with Oracle Application Server 10g 10.1.3.3. <ul style="list-style-type: none"><li>▪ Oracle Enterprise Linux 4 Patch 5 for Linux x86-64</li><li>▪ Solaris 10 (SPARC)</li><li>▪ HP-UX 11.23 (Integrity)</li><li>▪ AIX 5.3</li></ul>
Application Server	Oracle Application Server 10g 10.1.3.3 with the following patches: <ul style="list-style-type: none"><li>▪ 5632264 (NEED UPDATED TIMEZONE FILES (VERSION 4) FOR MORE DST RULE CHANGES)</li><li>▪ 5398506 (RUNTIME EXCEPTION DID NOT ROLLBACK MESSAGE ON EGATE (SEEBEYOND) TOPIC)</li></ul>

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Before installing the the RDW 13.0.1 patch software, complete all of the following steps:

1. Make a complete backup of the RDW Repository (.RPD File).
2. Read this entire document and the associated documentation. Many of the scripts referenced require that modifications are made to ensure compatibility with the environment.
3. Note whether any customizations have been made to module. Customizations must be re-applied over the new version of the module, or the fix may need to be applied to the custom version of the code.
4. Review the release notes for this patch in the RDW\_1301\_patch directory: -RDW 13.0.1 Patch Release Notes: rdw-1301-rn.doc

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## Install RETL Scripts

To install RETL scripts, complete the following steps:

1. Log into the database server as the UNIX user, oretail. (This user owns the code directory structure.)
2. Uncompress and extract the zip file: rdw1301\_code.zip. The following files are extracted and copied to the respective directories:
  - dim\_lkup.ksh will be copied to \$MMHOME/rfx/lib directory
  - prdisdm.ksh will be copied to \$MMHOME/rfx/src directory
  - prdisdm.schema will be copied to \$MMHOME/rfx/schema directory



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## Run Database Change Script

To run the database change script, complete the following steps:

1. Login to the database server.
2. Uncompress and extract the zip file: rdw1301\_db.zip. The following files are extracted:
  - load\_prog\_cntrl\_dm\_delta.sql will be copied to \$MMHOME/install directory
  - 0023\_prod\_item\_supp\_dm.sql will be copied to \$MMHOME/dbasql
3. Login to SQL\*Plus as RDW13DM on the database server.
4. Execute these scripts. A new row will be loaded into PROGRAM\_STATUS\_DM table, and a new table (PROD\_ITEM\_SUPP\_DM) will be created on the RDW database.
5. Grant SELECT privileges to RDW13SYS for PROD\_ITEM\_SUPP\_DM:  

```
grant select on prod_item_supp_dm to rdw13sys;
```
6. Grant SELECT, INSERT, UPDATE, DELETE privileges to RDW13DEV for PROD\_ITEM\_SUPP\_DM:  

```
grant select on prod_item_supp_dm to rdw13dev;  
grant insert, update, delete on prod_item_supp_dm to rdw13dev;
```
7. Login to SQL\*Plus as RDW13SYS and run the following SQL query to create a synonym for the new PROD\_ITEM\_SUPP\_DM table:  

```
CREATE SYNONYM PROD_ITEM_SUPP_DM FOR RDW13DM.PROD_ITEM_SUPP_DM;
```



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## Install Oracle BI Repository

To install the Oracle BI Repository, complete the following steps:

1. Log into the environment where Oracle BI Server is installed (Windows or UNIX).
2. Stop Oracle BI Server service.
3. Go to the directory, <INSTALL\_DIRECTORY>/ OracleBI/server/Repository, to back up and move the existing repository file (RDW13.rpd, in this case) to the archive directory.
4. Uncompress and extract the zip file, rdw1301ora.zip, from \$MMHOME/metadata into a temp directory. The file, RDW13.rpd, will be extracted.
5. Copy the RDW13.rpd file to the directory, <INSTALL\_DIRECTORY>/ OracleBI/server/Repository.
6. Start Oracle BI Server service.

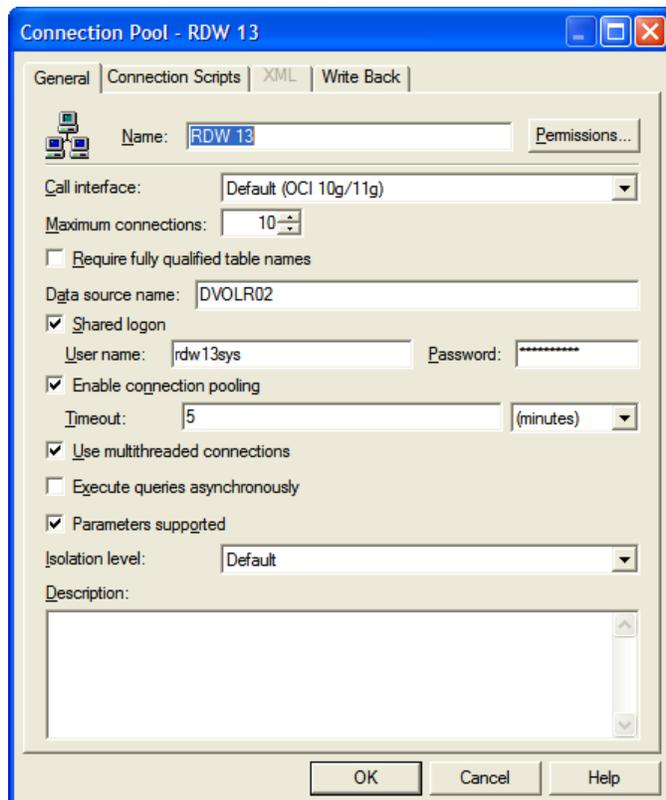


## Set Up the Database Connection

For information about the database connection, refer to the chapter called “Configuring Data Sources for Oracle Business Intelligence” in the Oracle Business Intelligence Infrastructure Installation and Configuration Guide.

**Note:** The screen shots in the steps below are samples only. The screens that actually display depend on how the client’s system is set up.

1. To set up the database connection, complete the following steps:
2. Using the OBI Server Administration tool, open RDW13.rpd.
3. In the Physical Layer, open the Connection Pool. Below is a sample of this screen:



**Sample: Connection Pool Editor**

4. Enter the database name, username and password.
5. Click OK.
6. Save the RDW13.rpd file.
7. To test the database connection, right click on any of the tables in the Physical Layer and select View Data. Below is a sample of the output from this step:

View Data from Table "RDW".. "RDW 13" . "CUST\_DM"

53 rows  Distinct

Show 53 rows starting from 0

	CUST_ADDR_1	CUST_ADDR_2	CUST_
0	1234 Oak Street	NULL	NULL
1	543 Fox Hollow Drive	NULL	NULL
2	912 Park Avenue	NULL	NULL
3	131st Ave	NULL	NULL
4	57 Hale Street	NULL	NULL
5	52 Richland Rd	NULL	NULL
6	2821 Creston Ave	Apt 102	NULL
7	16 Taylor Ave	NULL	NULL
8	3rd Ave	NULL	NULL

Sample: Successful database connection confirmation