

**Oracle[®] Retail Price Management
Installation Guide
Release 10.1.6
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Customer Support

- <https://metalink.oracle.com>

When contacting Customer Support, please provide:

- 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.

Database Server Installation Instructions

Before you apply the RPM 10.1.6 patch:

- Check that RMS 10.1.14 is installed.
- Check that RPM 10.1.5 is installed.
- Review the enclosed RPM 10.1.6 Patch Release Notes (rpm-1016-rn.pdf).
- Review each of the enclosed SIR documents.

Before copying over any files:

- Note whether customizations have been made to the module. If so, then the customizations must be reapplied over the new version of the module (or the fix may need to be applied to the custom version of the code). Please refer to Chapter 2.
- Copy the original files to a different directory before copying over them in case they need to be referred to at a later date.

Note: Normally OC4J is installed in an existing Oracle 9iAS (9IAS_ORACLE_HOME) location. However, OC4J can be installed and run outside 9IAS_ORACLE_HOME. For this reason, ORACLE_HOME refers to the location where OC4J will be installed.

Note: JDK 1.3.x is a requirement for both OC4J and RPM

Mount CD-ROM on the Database Server

1. Mount the CD-ROM on your Database Server.
2. Copy the rpm1016dbpatch.tar.Z file from the CD /dbserverunix directory to a newly created staging directory on your UNIX server.
3. Log in to UNIX.
4. Change directories to the staging directory.

Note: The tar file must have a .Z extension.

5. If the tar file has a “z” in lowercase, change it by typing:

```
v rpm1016dbpatch.tar.z rpm1016dbpatch.tar.Z
```

6. Uncompress the tar file by entering:

```
ncompress rpm1016dbpatch.tar.Z
```

7. Untar the tar file by entering:

```
tar xvf rpm1016dbpatch.tar
```

Update Packages, Stored Procedures and Functions

1. On the server, change directories to <staging area>/db_objects.
2. Log in to SQLPLUS as rmsdev10.
3. Enter the following command to update packages, procedures, and functions:
`SQL> @patch1016rpm.sql`
4. Exit SQLPlus.
5. View the spool file patch1016rpm.log when finished to verify that no errors were found.

Application Server Installation Instructions

UNIX (Sun Solaris/HPUX/AIX)

Install OC4J 9.0.4 Standalone

1. Log into the UNIX server as the retek user and determine where OC4J is to be installed. Set the ORACLE_HOME environment variable to this location.
2. Copy oc4j_extended.zip to ORACLE_HOME.
3. Change directories to ORACLE_HOME and unzip oc4j_extended.zip.
4. Change directories to ORACLE_HOME/j2ee/home.
5. Set the J2EE_HOME environment variable to ORACLE_HOME/j2ee/home.
6. Change directories to J2EE_HOME.
7. Install OC4J by executing running the OC4J install command.

Example: > java -jar oc4j.jar -install

Note: The OC4J installation auto-deploys a number of applications and then prompts for an admin password, which is used for the administration console command-line tool. Record the admin password entered at the prompt, as it will be needed for Administering OC4J.

8. Update the JDBC driver that is distributed with OC4J by copying the classes12dms.zip from DATABASE_ORACLE_HOME/jdbc/lib on the RMS database server to J2EE_HOME/jdbc/lib on the application server. This will ensure that the JDBC driver version matches the database version. This step will need to be repeated whenever the Oracle database is upgraded.

Copy and Unpack Install Files From CDROM

1. Mount the CD-ROM on your UNIX Application Server.
2. Change directories to /appserverunix.
3. 1. Copy the rpm1016apppatch.tar file from the CD /appserverunix directory to a newly created staging directory on your UNIX Application server.
4. Log in to UNIX.
5. Change directories to the staging directory.
6. Untar the tar file by entering:
tar xvf rpm1016apppatch.tar
7. The following directories and files should now exist in INSTALL_DIR:
/web
/src
rpm.war

Configure OC4J for RPM 10 and Deploy rpm.war

1. Copy the alloc.war file from INSTALL_DIR to the J2EE_HOME/applications directory.
2. Backup the following files at J2EE_HOME/config:
http-web-site.xml
application.xml
3. Edit application.xml by adding another web-module tag for the new Allocation 11 application.

Example: <web-module id="alloc"
path="../applications/alloc.war" />

4. Edit http-web-site.xml by adding another web-app tag for the new application.

Example: <web-app application="default" name="alloc"
root="/alloc" />

Start/Stop/Load the Default OC4J Application

1. First to stop the default OC4J container if you haven't done so already, issue the following command in \$J2EE_HOME:

```
> java -jar admin.jar ormi://<server_name>/ <admin_id> <admin_password> -  
shutdown -force
```

Note: <server_name> is the name of the server or it's IP address. <admin_id> and <admin_password> are the administration username and password supplied during the OC4J install.

Example: java -jar admin.jar ormi:/retekdev10/ admin
admin -shutdown -force

2. To start the default OC4J container, issue the following command in \$J2EE_HOME:
> java -jar oc4j.jar &
"Oracle Application Server Containers for J2EE 10g (9.0.4.0.0) initialized" prompt means the container has started.

Edit the File db.properties

1. Change directories to \$J2EE_HOME/applications/rpm/WEB-INF/classes/com/rettek/rpm/util/conf.
2. Edit db.properties; the values to be changed are:
rms.url=jdbc:oracle:thin:@<database server>:<port>:<database sid>
rms.user=<rms schema owner>
rms.password=<rms schema password>

Where:

- Database server = machine name of server where the database resides
- port = Oracle database port
- database sid = Oracle database sid name
- rms schema owner = name of the RMS 10.1.x database schema
- rms schema password = RMS 10.1.x database schema password

Example:

```
rms.url=jdbc:oracle:thin:@rettekdev10:1521:rms109i
rms.user=rms10
rms.password=rettek
rmsmaxconn=15
rms.driver=oracle.jdbc.driver.OracleDriver
```

```
# Set to disable rfx in the batch. Will use SQL instead
disablerfx=true
```

```
# Set to the rfx executable
rfxpath=C:\\dev\\rpm\\rfxFake.bat
```

Note: disablerfx and rfxpath in the db.properties file should not be changed.

Reload the Default OC4J Application

Note: OC4J must be reloaded in order for the changes made to db.properties to take effect.

1. To stop the default OC4J container, issue the following command in \$J2EE_HOME:

```
> java -jar admin.jar ormi://<server_name>/ <admin_id> <admin_password> -  
shutdown -force
```

Note: <server_name> is the name of the server or its IP address. <admin_id> and <admin_password> are the administration username and password supplied during the OC4J install.

Example: java -jar admin.jar ormi:/retekdev10/ admin
admin -shutdown -force

2. To start the default OC4J container, issue the following command in \$J2EE_HOME:

```
java -jar $J2EE_HOME/oc4j.jar &  
"Oracle Application Server Containers for J2EE 10g (9.0.4.0.0) initialized" prompt  
means the container has started
```

3. Load the new OC4J application by entering the following URL in a browser:

http://<server>:<port>/<product>

- server = name or IP address of the web server OC4J is running on
- port = port number set in default-web-site.xml above
- product = value of root in the web-app element of default-web-site.xml above

Example: http://server:8388/rpm

Applying Source Code

If customizations have been made to RPM, the 10.1.6 source code can be compiled and applied to the application. Compile the .java source code included on this CD, then, place the generated .class files into the appropriate directory locations.

Before applying the patch source files over existing code:

- Note whether customizations have been made to the module. If so, then the customizations must be reapplied to the new version of the module (or the fix may need to be applied to the custom version of the code).

Back up the existing RPM class files before copying over the 10.1.6 class files in order to refer to them at a later date if necessary.