

Oracle® Retail Replenishment Optimization
Installation Guide
Release 13.0.2

October 2008

Copyright © 2008, Oracle. All rights reserved.

Primary Author: Melody Crowley

The Programs (which include both the software and documentation) contain proprietary information; they are provided under a license agreement containing restrictions on use and disclosure and are also protected by copyright, patent, and other intellectual and industrial property laws. Reverse engineering, disassembly, or decompilation of the Programs, except to the extent required to obtain interoperability with other independently created software or as specified by law, is prohibited.

The information contained in this document is subject to change without notice. If you find any problems in the documentation, please report them to us in writing. This document is not warranted to be error-free. Except as may be expressly permitted in your license agreement for these Programs, no part of these Programs may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose.

If the Programs are delivered to the United States Government or anyone licensing or using the Programs on behalf of the United States Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the Programs, including documentation and technical data, shall be subject to the licensing restrictions set forth in the applicable Oracle license agreement, and, to the extent applicable, the additional rights set forth in FAR 52.227-19, Commercial Computer Software—Restricted Rights (June 1987). Oracle Corporation, 500 Oracle Parkway, Redwood City, CA 94065

The Programs are not intended for use in any nuclear, aviation, mass transit, medical, or other inherently dangerous applications. It shall be the licensee's responsibility to take all appropriate fail-safe, backup, redundancy and other measures to ensure the safe use of such applications if the Programs are used for such purposes, and we disclaim liability for any damages caused by such use of the Programs.

Oracle, JD Edwards, PeopleSoft, and Siebel are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

The Programs may provide links to Web sites and access to content, products, and services from third parties. Oracle is not responsible for the availability of, or any content provided on, third-party Web sites. You bear all risks associated with the use of such content. If you choose to purchase any products or services from a third party, the relationship is directly between you and the third party. Oracle is not responsible for: (a) the quality of third-party products or services; or (b) fulfilling any of the terms of the agreement with the third party, including delivery of products or services and warranty obligations related to purchased products or services. Oracle is not responsible for any loss or damage of any sort that you may incur from dealing with any third party.

Value-Added Reseller (VAR) Language

Oracle Retail VAR Applications

The following restrictions and provisions only apply to the programs referred to in this section and licensed to you. You acknowledge that the programs may contain third party software (VAR applications) licensed to Oracle. Depending upon your product and its version number, the VAR applications may include:

- (i) the software component known as **ACUMATE** developed and licensed by Lucent Technologies Inc. of Murray Hill, New Jersey, to Oracle and imbedded in the Oracle Retail Predictive Application Server – Enterprise Engine, Oracle Retail Category Management, Oracle Retail Item Planning, Oracle Retail Merchandise Financial Planning, Oracle Retail Advanced Inventory Planning and Oracle Retail Demand Forecasting applications.
- (ii) the **MicroStrategy** Components developed and licensed by MicroStrategy Services Corporation (MicroStrategy) of McLean, Virginia to Oracle and imbedded in the MicroStrategy for Oracle Retail Data Warehouse and MicroStrategy for Oracle Retail Planning & Optimization applications.
- (iii) the **SeeBeyond** component developed and licensed by Sun Microsystems, Inc. (Sun) of Santa Clara, California, to Oracle and imbedded in the Oracle Retail Integration Bus application.
- (iv) the **Wavelink** component developed and licensed by Wavelink Corporation (Wavelink) of Kirkland, Washington, to Oracle and imbedded in Oracle Retail Store Inventory Management.
- (v) the software component known as **Crystal Enterprise Professional and/or Crystal Reports Professional** licensed by Business Objects Software Limited (“Business Objects”) and imbedded in Oracle Retail Store Inventory Management.
- (vi) the software component known as **Access Via**[™] licensed by Access Via of Seattle, Washington, and imbedded in Oracle Retail Signs and Oracle Retail Labels and Tags.
- (vii) the software component known as **Adobe Flex**[™] licensed by Adobe Systems Incorporated of San Jose, California, and imbedded in Oracle Retail Promotion Planning & Optimization application.
- (viii) the software component known as **Style Report**[™] developed and licensed by InetSoft Technology Corp. of Piscataway, New Jersey, to Oracle and imbedded in the Oracle Retail Value Chain Collaboration application.
- (ix) the software component known as **DataBeacon**[™] developed and licensed by Cognos Incorporated of Ottawa, Ontario, Canada, to Oracle and imbedded in the Oracle Retail Value Chain Collaboration application.

Contents

Preface	vii
Audience	vii
Related Documents.....	vii
Customer Support.....	vii
Review Patch Documentation.....	vii
Oracle Retail Documentation on the Oracle Technology Network.....	vii
Conventions.....	viii
1 Installing Replenishment Optimization	1
Before You Begin.....	1
Installing Replenishment Optimization on UNIX Environments.....	1
Preparation	1
Extracting the Replenishment Optimization Installation Package	2
Installation Instructions	2

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

For more information, see the following documents in the Oracle Retail Replenishment Optimization 13.0.2 documentation set:

- *Oracle Retail Replenishment Optimization Release Notes*
- Oracle Retail Predictive Application Server documentation

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.

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

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.

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.”

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

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

A [hyperlink](#) appears like this.

Installing Replenishment Optimization

Before You Begin

This document provides detailed instructions on how to install a Replenishment Optimization (RO) domain using a configuration created via the RPAS Configuration Tools. This document does not describe how to create the actual configuration.

Supplemental installations guides are referenced in this document. The *RPAS Installation Guide* and *RPAS Configuration Tools User Guide* must be obtained prior to beginning the installation process. Read these documents in their entirety before beginning the installation.

Installing Replenishment Optimization on UNIX Environments

The installation of the server-side RPAS components on UNIX operating systems is accomplished using a Java-based installation program that is included with the installation package. The installation package contains two installers, the RPAS Installer and the RO Installer.

The RPAS Installer automates the following:

- Installation of the RPAS server
- Installation of Configuration Tools on the server (Refer to the *RPAS Installation Guide* for information on installing Configuration Tools on Windows machines)
- Definition of DomainDaemon port

The RO Installer automates the following:

- Installation of the RO mock install configuration
- Custom configuration of make_domain.ro script for creating domains
- Creation of sample RO domain

This document assumes that the RPAS Installer process (from the *RPAS Installation Guide*) has been completed prior to using the RO Installer.

Preparation

The RPAS components included in this installation process are available inside the media pack of the solution downloaded from Oracle's E-Delivery Web site (<http://edelivery.oracle.com/>).

If you are installing any RPAS 12.1 or above solution on HP Itanium, you need to set the 64-bit Configuration Tools environment variable for Java as shown below:

```
export RIDE_OPTIONS=-d64
```

Note: Before installing RO 13, confirm that RPAS 13.0.2 and all subsequent patches have been successfully applied.

Environment Variable Setup Script

Before running the solution installer, run the **retaillogin.ksh** script. The script is located in the root of the base directory where RPAS was installed unless the default was overwritten when specifying directory paths.

Source the script from inside the directory where the script is located:

```
../retaillogin.ksh
```

OR

Include the full path after the period ".":

```
./<base_directory>/retaillogin.ksh
```

Note: The preceding period and space (". ") must be included at the beginning of the command when executing the script.

Note: Include this path and script in the .profile in your home directory (~/.profile) if you want to have this environment setup script run during login.

This script will set up environment variables, such as RPAS_HOME and RIDE_HOME, which are required for RPAS to run properly.

Extracting the Replenishment Optimization Installation Package

Perform the following procedure to extract the installation package.

1. Create an installation directory from which the RO installation routine will be run. This directory will be referred to as [RO Installation].
2. Download the package from Oracle E-Delivery, and transfer the archive to the [RO Installation] directory on the target server using FTP. Use 'binary' mode to transfer the archive.
3. Extract the main package to the [RO Installation] directory.

```
cd [RO Installation]
unzip RO-13.0.zip
```

Installation Instructions

Perform the following procedures to install RO.

1. Begin the Installer by first changing to the root of the [RO Installation]/RO/CDROM directory and running the following command:

```
./install.sh
```

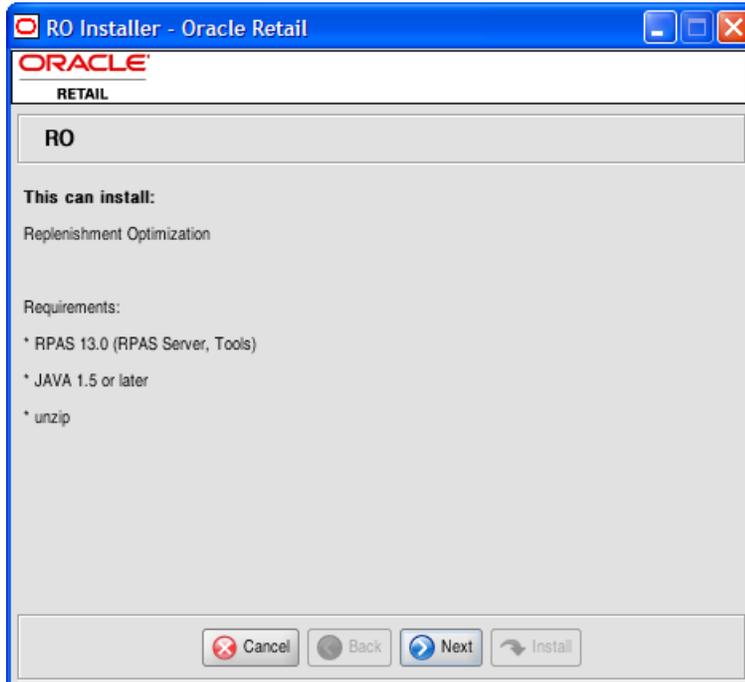
Note: The command must be executed with the preceding period and forward slash.

If this process is performed on an X-Windows emulator (such as Exceed), a graphical user interface to the Installer appears. If you are running in console mode through a terminal emulator, a text interface to the Installer appears.

In both cases, the requested information is identical but displayed differently. In the GUI you may be shown a checkbox to signal whether you want a component installed; in text mode, you will be prompted for a response of "yes" or "no".

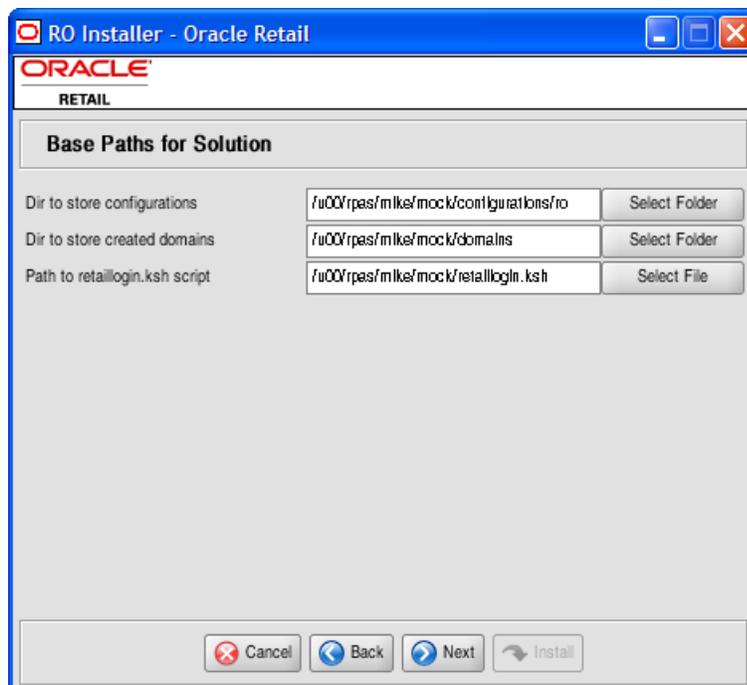
Note: In text mode, the default value will appear in square brackets. To use the default value and continue, simply hit the **Enter** key. If you wish to use a different value, enter the new value. When prompted to create a directory respond with "y" or "yes" and hit the **Enter** key.

The following screen appears and shows the components that will be installed during installation process, as well as other required components.



RO Installation Screen

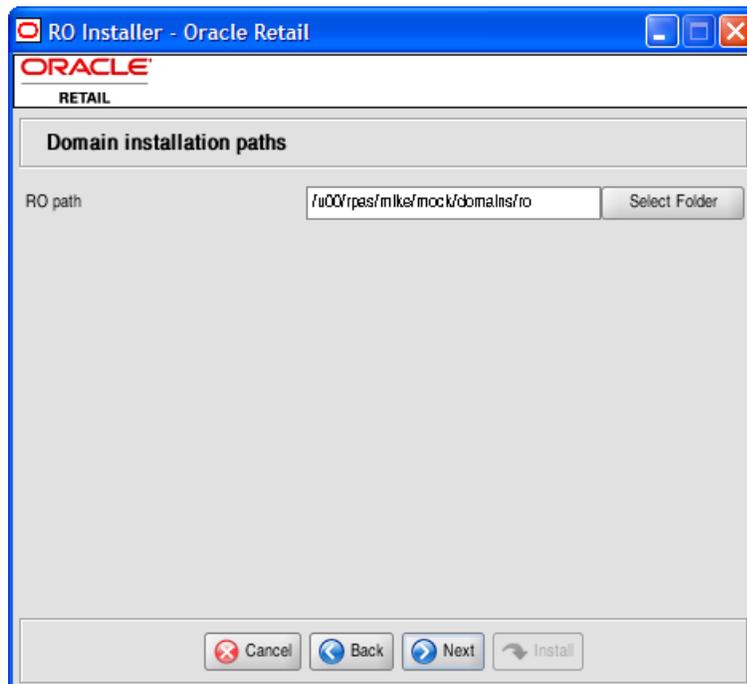
2. Click **Next** to continue. The Base Paths for Solution screen appears.



Base Paths for Solution Screen

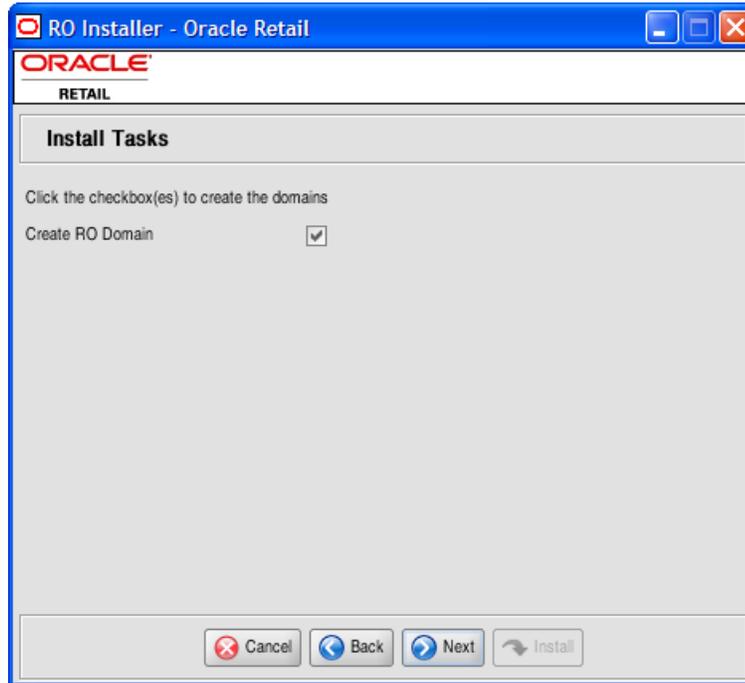
3. Enter the following information and click **Next** to continue:
 - Directories to store the configuration.
 - Directory to store created domains for this solution (used to create domain paths on following page).
 - Path to the retaillogin.ksh script created during RPAS installation.

The Domain Installation Paths screen appears.



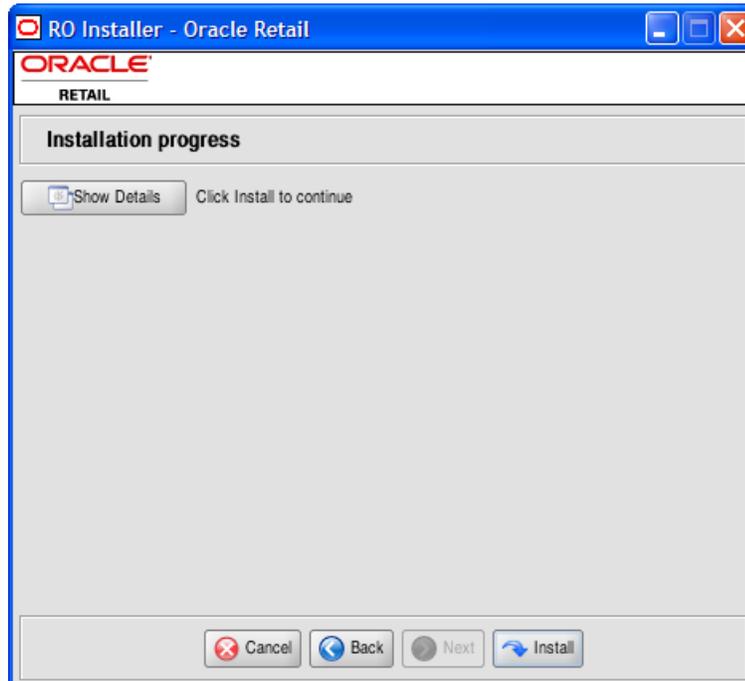
Domain Installation Paths Screen

4. Enter the path to the RO domain to be created and click **Next** to continue. The Install Tasks screen appears.



Install Tasks Screen

5. If you want to create the RO domain, select **Create RO Domain** and click **Next** to continue. If you want to install all required components to support the RO domain, but not create the actual RO domain, uncheck the **Create RO Domain** option and click **Next** to proceed. The Installation Progress screen appears.



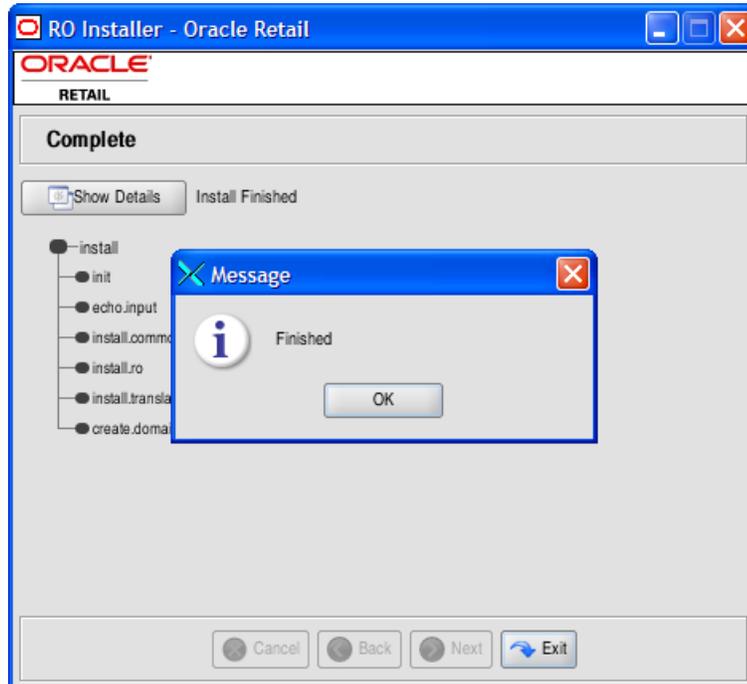
Installation Progress Screen

6. Click **Install** to begin installing RO.

This screen displays installation progress. Select **Show Details** if you wish to view the log output as the installation is performed. If you choose not to view the details, a graphical representation of the installation steps appears. As each step is completed, the text color changes to indicate installation progress.

You can toggle between the Show Details mode at any time during or after the installation.

When the installation process is finished, the Complete screen appears.



Complete Screen

7. Click **OK** button.
 - If you viewed the installation via the graphical progress, you can now click **Show Details** to view the logs.
 - Once you are finished reviewing the installation, click **Exit** button to close the installer application.
 - If you wish to view the log at a later date, a text copy was saved in the directory where you initiated the installation from [RO Installation]/RO/CDROM. The log file will be named based on the product and a timestamp, followed by the ".log" extension.

Created as part of this process is a sample domain creation script, located in the [Dir to store configurations] entered previously. This file is named "make_domain.ro." This file contains all of the required parameters needed to support the domain installation process. If necessary, this file may be modified if the default parameters are not applicable for your particular environment.

Note: The domain installation process also includes post-installation data loading scripts specific to this configuration. These scripts may also be modified.
