

Oracle® Retail Replenishment Optimization
Installation Guide
Release 13.0

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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

For more information, see the following documents in the Oracle Retail Replenishment Optimization 13.0 documentation set:

- *Oracle Retail Replenishment Optimization Release Notes*
- *Oracle Retail Replenishment Optimization Administration Guide*
- *Oracle Retail Replenishment Optimization User Guide*
- 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 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
```

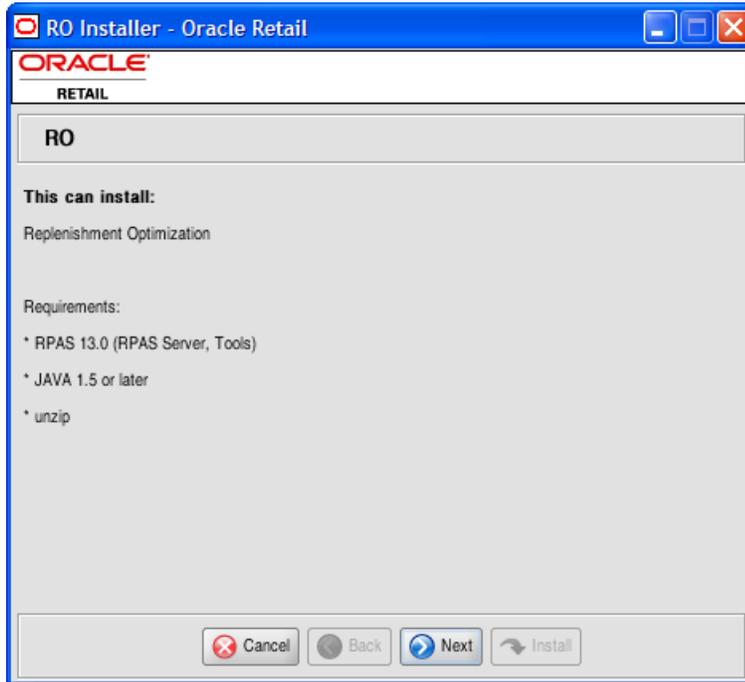
Note: The command must be executed with the preceding period and forward slash.

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".

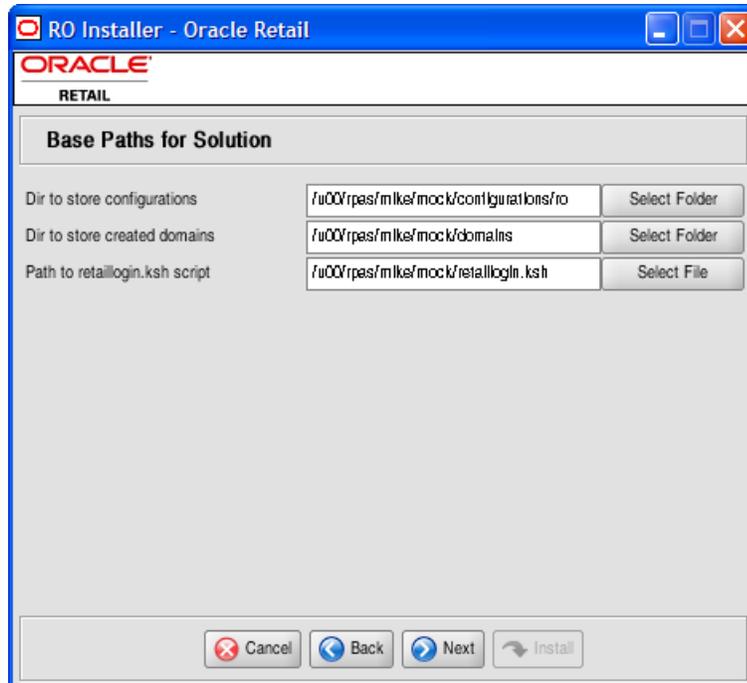
Note: In text mode, the default value will appear in square brackets. To use the default value and continue, simply hit the **Enter** key. If you wish to use a different value, enter the new value. When prompted to create a directory respond with "y" or "yes" and hit the **Enter** key.

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



RO Installation Screen

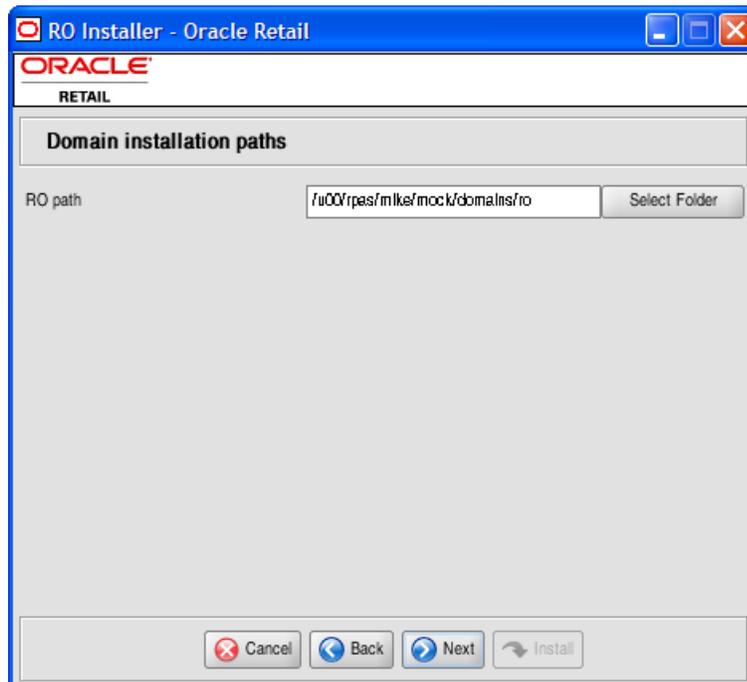
2. Click **Next** to continue. The Base Paths for Solution screen appears.



Base Paths for Solution Screen

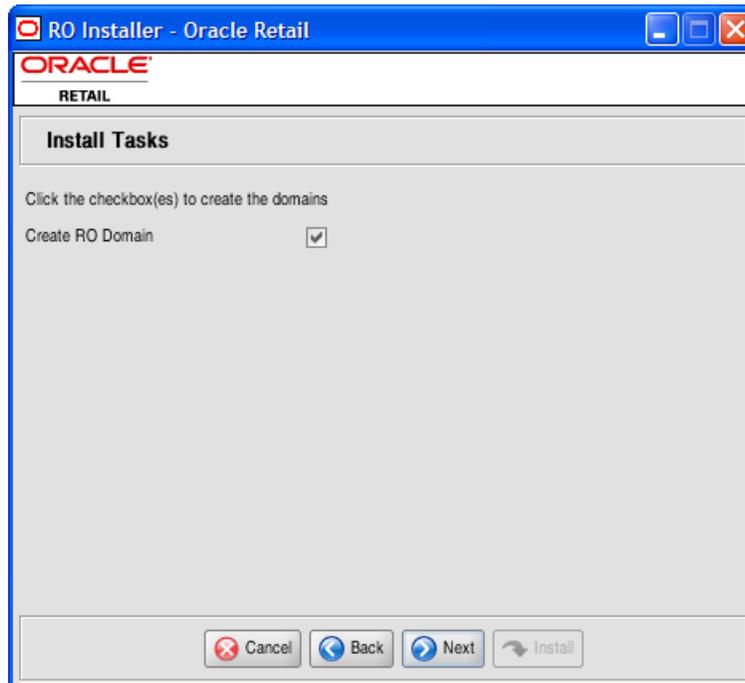
3. Enter the following information and click **Next** to continue:
 - Directories to store the configuration.
 - Directory to store created domains for this solution (used to create domain paths on following page).
 - Path to the retaillogin.ksh script created during RPAS installation.

The Domain Installation Paths screen appears.



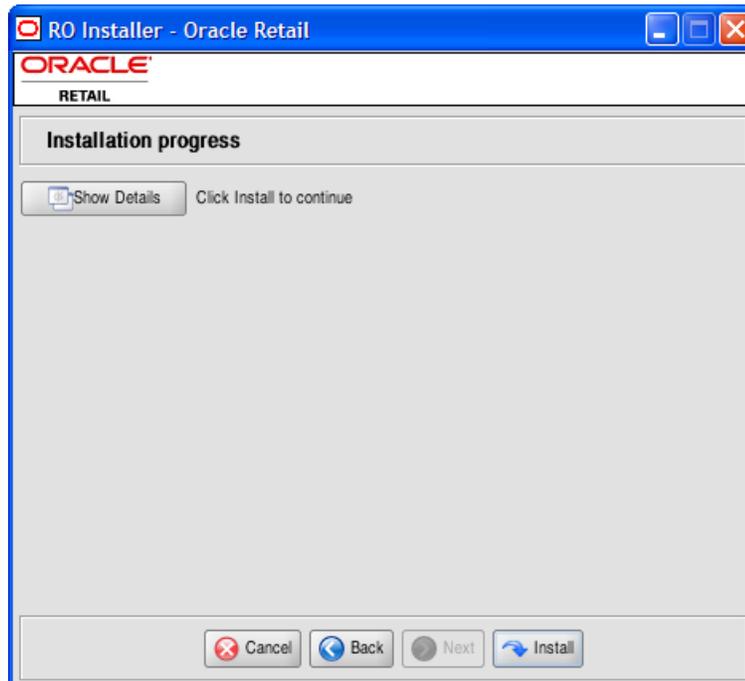
Domain Installation Paths Screen

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.



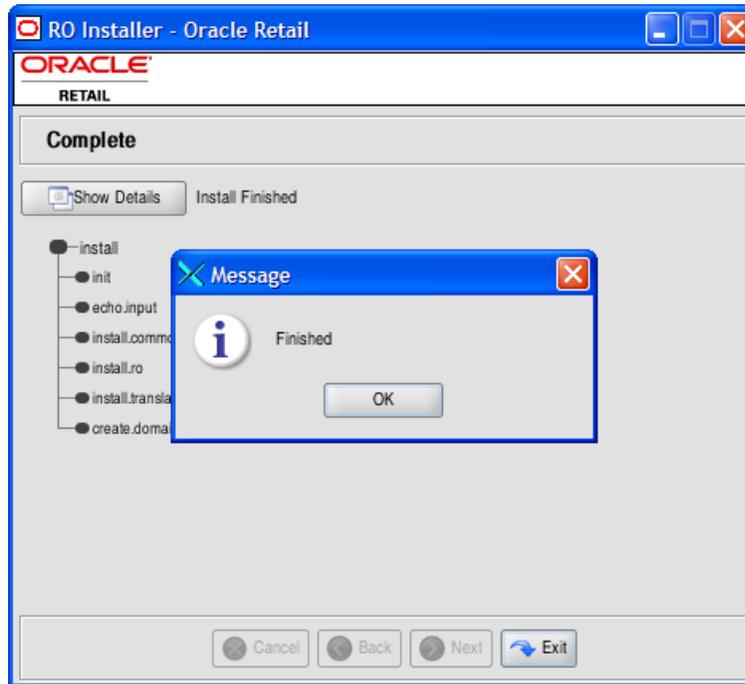
Installation Progress Screen

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.
