Oracle® Retail Category Management

Installation Guide

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Oracle Retail Category Management Installation Guide, Release 13.2.1

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Primary Author: Barrett Gaines

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Oracle Retail Category Management Installation Guide, Release 13.2.1

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- Are the implementation steps correct and complete?
- Did you understand the context of the procedures?
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- Do you need different information or graphics? If so, where, and in what format?
- Are the examples correct? Do you need more examples?

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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

Documentation Accessibility

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Related Documentation

For more information, see the following documents in the Oracle Retail Category Management Release 13.2.1 documentation set:

- *Oracle Retail Category Management Release Notes*
- Oracle Retail Predictive Application Server documentation set

Customer Support

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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 re-create
- Exact error message received
- Screen shots of each step you take

Review Patch Documentation

When you install the application for the first time, you install either a base release (for example, 13.1) or a later patch release (for example, 13.1.2). If you are installing the base release, additional patch, and bundled hot fix releases, read the documentation for all releases that have occurred since the base release before you begin installation. Documentation for patch and bundled hot fix releases can contain critical information related to the base release, as well as information about code changes since the base release.

Oracle Retail Documentation on the Oracle Technology Network

Documentation is packaged with each Oracle Retail product release. Oracle Retail product documentation is also available on the following Web site:

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

(Data Model documents are not available through Oracle Technology Network. These documents are packaged with released code, or you can obtain them through My Oracle Support.)

Documentation should be available on this Web site within a month after a product release.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1 Introduction

This document provides instructions on installing Oracle Retail Category Management.

It provides detailed instructions on how to install a Category Management domain using a configuration created in the RPAS Configuration Tools. This document does not describe how to create the actual configuration.

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

About This Document

This document contains information for full and patch installations:

- Chapter 2, "Full Installation: UNIX Environments": Refer to this section if you are performing a full installation.
- Chapter 3, "Patch Installation": Refer to this section if you are performing a patch installation.

Please read this entire guide before beginning the installation process to ensure you understand the installation process and have all the necessary documentation, hardware, and software available.

Hardware and Software Requirements

The following table provides information about the current release.

Table 1–1 Hardware and Software Requirements

Requirement	Details
Supported RPAS Version	13.2.1
Supported OS, Server and Compilers	■ Oracle Solaris 10 (SPARC): GCC 4.2.3 (32 bit) ■ AIX 5.3 (POWER) - TL5 or greater: GCC 4.1.1 (32 bit) ■ AIX 6.1 (POWER) - TL4: GCC 4.3.3 (32 bit) ■ HP-UX 11.31 (Itanium): ACC 6.20 (64 bit) ■ Oracle Enterprise Linux 5, Update 3 (OEL 5.3): GCC 4.1.2 (64 bit) ■ Red Hat Enterprise Linux 5.3: GCC 4.1.2 (64 bit)
Supported OS, Client	■ Microsoft Windows XP ■ Microsoft Windows Vista
Required 3rd Party Software	Oracle Java Runtime Environment (JRE) 1.5 ■ For AIX, the JRE version must be the 32-bit version of Java 1.5 SR1 or higher. **Notes:** ■ Oracle JRE 1.6 is also certified, but it is not necessary to upgrade to JRE 1.6. ■ When installing Java, avoid enabling AutoUpdate because it may update the Java version without prompting.

Supported Oracle Retail Products

Category Management is not integrated with any Oracle Retail products.

2

Full Installation: UNIX Environments

The installation of the server-side RPAS components on UNIX operating systems is accomplished using Java-based installation programs that are included with the installation package.

The Category Management Installer automates the following:

- Installation of the Category Management mock install configuration
- Creation of a sample Category Management domain

This document assumes that the RPAS Installer process (from the *Oracle Retail Predictive Application Server Installation Guide*) has been completed prior to using the Category Management Installer.

Preparation

The RPAS server components required prior to this installation process are available from Oracle's E-Delivery web site, http://edelivery.oracle.com, and My Oracle Support, https://support.oracle.com.

Environment Variable Setup Script

Before running the solution installer, source 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
```

Notes:

- The preceding period and space (". ") must be included at the beginning of the command when executing the script.
- 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 sets up environment variables, such as RPAS_HOME and RIDE_HOME, which are required for RPAS to run properly.

Downloading the Category Management Media Pack

The following procedure provides information about extracting the Category Management media pack and its contents.

1. Create a directory to store the Category Management media pack and download the media pack to this location. This directory is referred to as [Category Installation].
2. Extract the media pack to this location. Once extracted, two directories appear: CDROM and DOCS.
   - The CDROM folder contains the category.zip file, which contains the Category Management solution.
   - The DOCS folder contains the Category Management documentation.

Installing Category Management

The following procedure provides information about extracting the Category Management media pack and installing Category Management.

> **Note:** When Category Management is installed using the Category Management Installer, the ASOExpressions function library is automatically registered.

1. Using FTP in binary mode, transfer the Category Management Media Pack to the [Category Installation] directory on the target server.
2. Extract the package to the [Category Installation] directory.

```
cd [Category Installation]
unzip [Category Management Media Pack]
```

3. Extract the Category Management Installer.

```
cd CDROM
unzip category.zip
```

4. Change directories to the root of the [Category Installation] directory and run the Category Management Installer:

```
cd category
./install.sh
```

> **Note:** The command must be executed with the preceding period and forward slash (./).

If this process is being run 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, the text interface to the Installer appears.

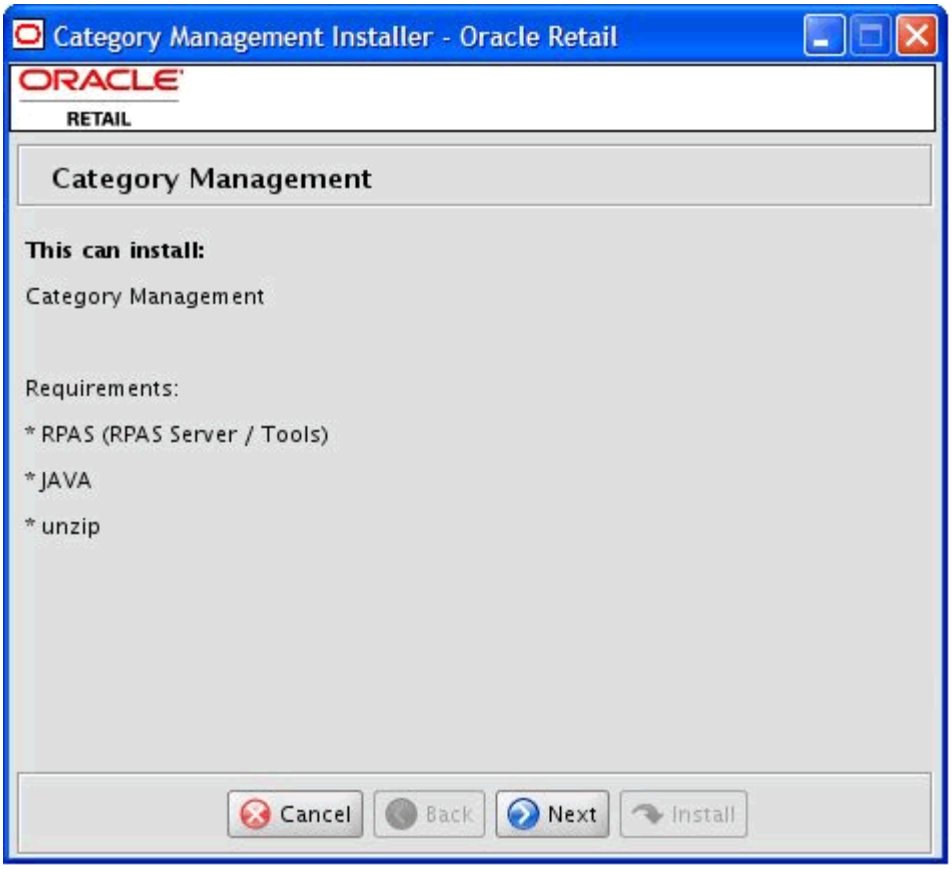
In both cases, the requested information is identical. In the GUI, you may be shown a check box to signal whether you want a component installed; in text mode, you are prompted for a response of **true** or **false**.

Note: In text mode, the default value appears in square brackets []. To use the default value and continue, press **Enter**. If you wish to use a different value, enter the new value. When prompted to create a directory, respond with **y** or **yes** and press **Enter**.

---

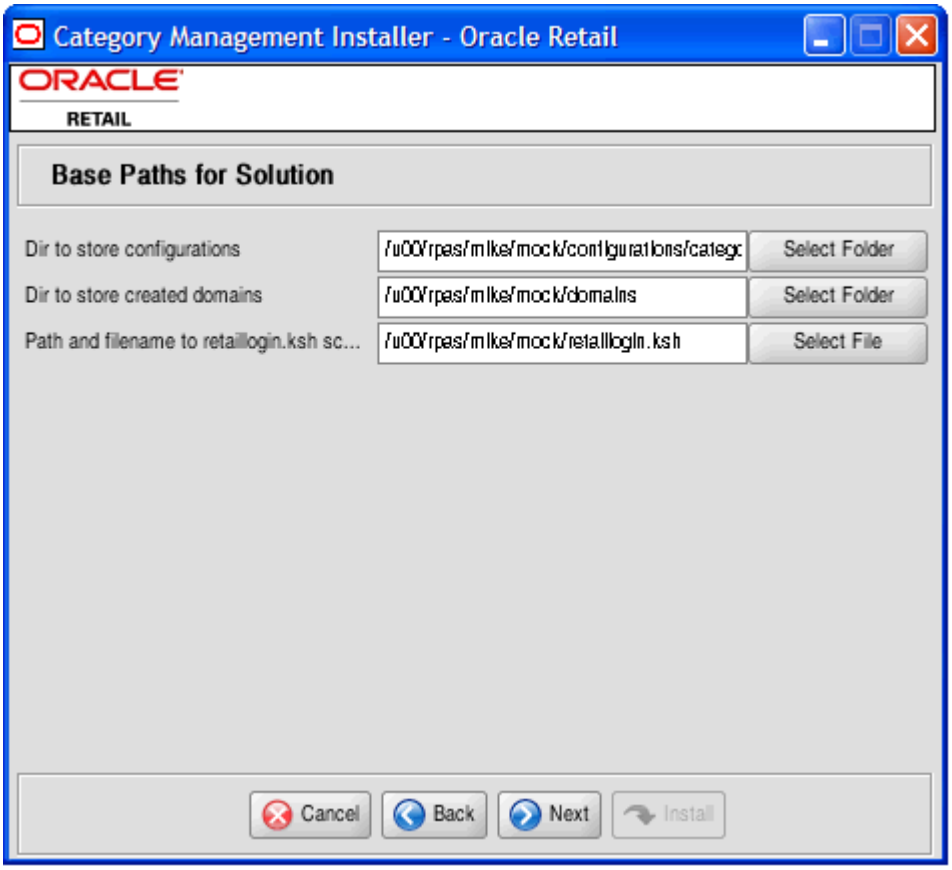
5. The Category Management Installer screen appears and displays the components that are installed during installation process and the required components. Click **Next** to continue.

Figure 2–1 Category Management Installer Screen



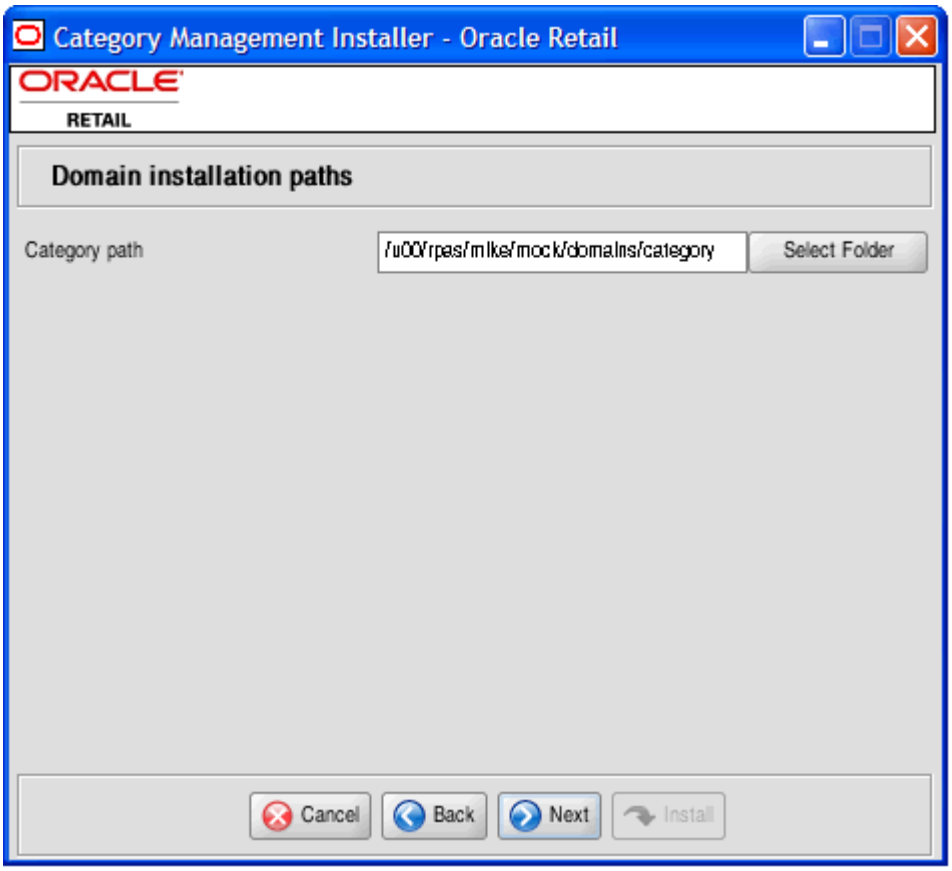
6. The Base Paths for Solution screen appears. Enter the following and click **Next** to continue:
   - Dir to store configurations: Enter the directory path where the configurations will be stored.
   - Dir to store created domains: Enter the directory path where the created domains will be stored.
   - Path and filename to retaillogin.ksh script: Enter the path and file name to the retaillogin.ksh script created during RPAS installation.

Figure 2–2 Base Paths for Solution Screen



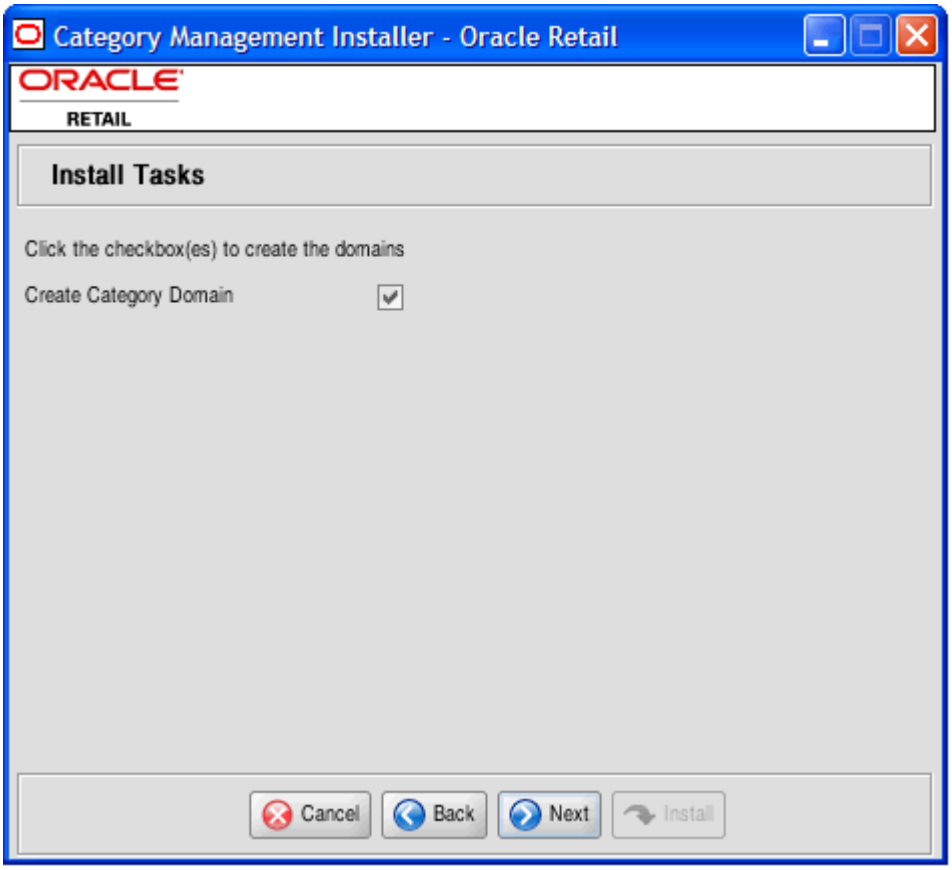
7. The Domain Installation Paths screen appears. Enter the path where you want to build the Category Management domain and click **Next**.

Figure 2–3 Domain Installation Paths Screen



8. The Install Tasks screen appears. Select **Create Category Domain**, which is selected by default, to create the Category Management domain. Deselect this option to have all required components to support a Category Management domain installed without creating the domain. Click **Next** to continue.

Figure 2–4 Install Tasks Screen

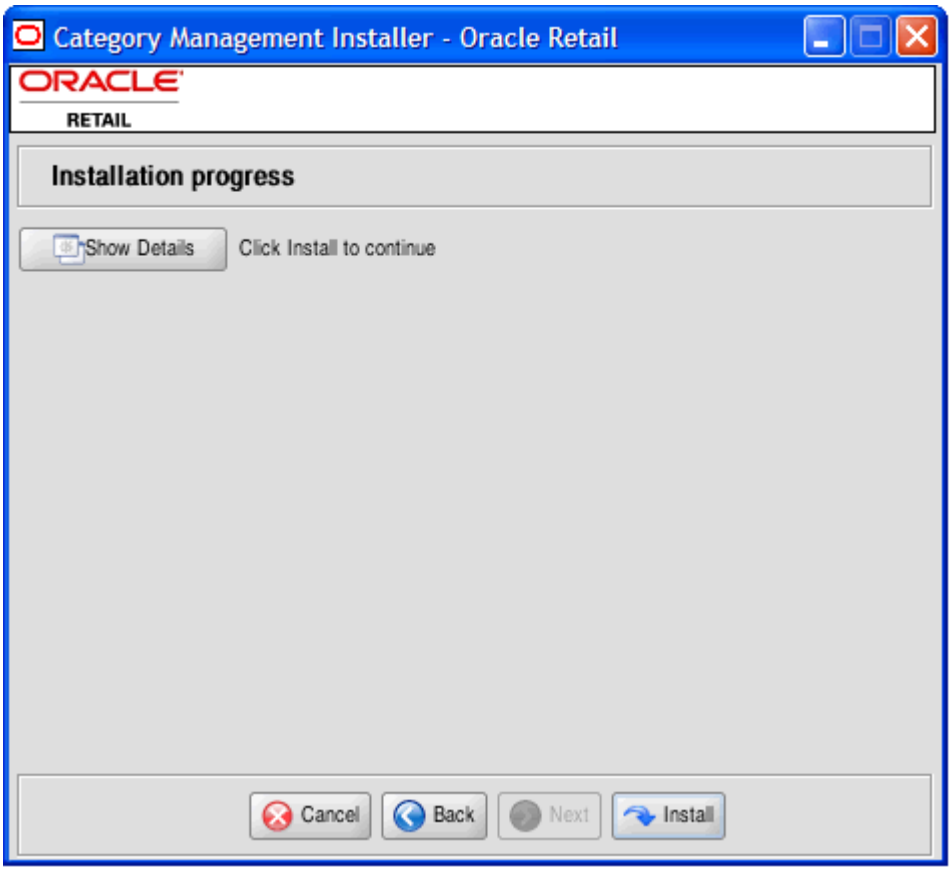


9. The Installation Progress screen appears. Once you are ready to begin installation, click the **Install** button.

   This screen displays the progress of the installation routine. Select **Show Details** to view the log output as the installation is performed. If you do not select to view the details, a graphical representation of the installation steps appears. As each step is completed, the color changes to show you the progress.

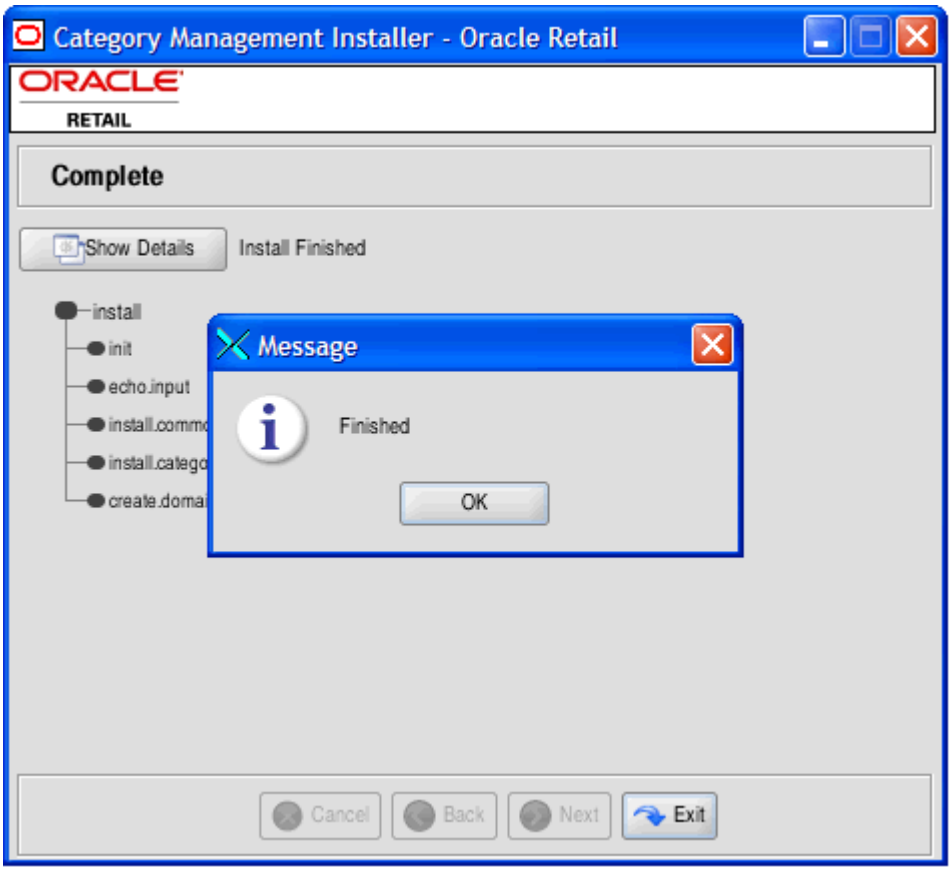
   You can toggle between detailed mode at any time during or after the installation.

Figure 2–5 Installation Progress Screen



10. When the installation has finished, the Complete screen appears. Click **OK** to close the dialog box.

Figure 2–6 Complete Screen



To view the installation details, select the **Show Details** button. The screen displays two tabs, the Output tab and the Error tab. It is recommended that you review these tabs for any issues that may have occurred during the installation process.

If you want to view the log again at a later date, a text copy was saved in the directory [Category Installation]. The log file is named based on the product and a timestamp, followed by the .log extension.

Created as part of this process is the make_domain.category file located in [Configurations Install Dir] entered previously. This file contains all of the required parameters needed to support the domain installation. If necessary, this file may be modified if the default parameters are not appropriate for your particular environment.

Note: The domain install process may also include post-installation data loading scripts specific to the Category Management configuration. These scripts, if present, may also be modified.

For additional information on installing RPAS domains manually, please refer to the *Oracle Retail Predictive Application Server Installation Guide*.

11. Click **Exit** to close the Installer.

3

Patch Installation

This chapter describes how to upgrade Category Management from a previous release to 13.2.1.

Upgrade Prerequisites

In order to upgrade Category Management, first verify the following criteria for the RPAS system:

- Verify that RPAS is currently installed.
- Verify that the UNIX operating system is updated to the currently supported version, which can be found in the Hardware and Software Requirements section.
- Verify that the environment variables are correctly set for both the server and PC; if they are not, follow these instructions to set them:
  - Change directories to the original RPAS installation directory (such as the one created by the most recent installer), and execute retaillogin.ksh to set all environment variables. For example:

```
$ cd /retail
$ . ./retaillogin.ksh
```

Notes:

- Once you have run the script, verify that the environment variables all point to the correct locations on your environment.
- If you have updated Java since the last installation of RPAS, verify that the JAVA_HOME path is correct. If not, update your retaillogin.ksh script and source it again as outlined above.

Upgrade Process

The following process outlines how to upgrade Category Management to the new version using the RPAS Configuration Tools.

For the PC

1. Open RPAS Configuration Tools.
2. In RPAS Configuration Tools, load your previous configuration of Category Management:
   a. From the Configuration Tools File menu, select **Open**.
   b. From the Open window, locate the configuration file and click **Open**.
3. If your configuration requires updating, dialog boxes will prompt you to upgrade. Follow the instructions given in the dialog boxes.
4. In the RPAS Configuration Tools File menu, click **Save** to save the configuration.
5. Zip the configuration in MKS KornShell and transfer the .zip file to the RPAS server.

For the Server

1. Unzip the updated configuration and note where it is saved.
2. Upgrade your Category Management domain to a 13.2.1 domain. For upgrading instructions, the "Upgrading and Patching Domains" section in the *RPAS Administration Guide for the Classic Client*.

Note: Whether or not you are taking the latest configuration, a configuration patch must be run over the domain to ensure compatibility with the latest RPAS version.