

Oracle® Retail Item Planning
Installation Guide
Release 13.0.4

July 2009

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Value-Added Reseller (VAR) Language

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- (vi) the software component known as **Access Via**TM 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**TM 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**TM 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**TM developed and licensed by Cognos Incorporated of Ottawa, Ontario, Canada, to Oracle and imbedded in the Oracle Retail Value Chain Collaboration application.

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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 document is intended for an MIS administrator that needs to install the RPAS and Item Planning software and create Item Planning domains.

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 Item Planning Release 13.0.4 documentation set:

- *Item Planning Release Notes*
- *Item Planning Operations Guide*
- Item Planning Configured for COE documentation
- Oracle Retail Predictive Application Server (RPAS) documentation

For more information on the Fashion Planning Bundle applications, see the following documents:

- Oracle Retail Assortment Planning documentation
- Oracle Retail Clearance Optimization Engine documentation
- Oracle Retail Merchandise Financial Planning documentation
- Oracle Retail Size Profile Optimization documentation

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:

<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

If you are installing the application for the first time, you install either a base release (for example, 13.0) or a later patch release (for example, 13.0.2). If you are installing a software version other than the base release, be sure to read the documentation for each patch release (since the base release) before you begin installation. Patch documentation can contain critical information related to the base release 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 (with the exception of the Data Model which is only available with the release packaged code):

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.

Instructions

Before You Begin

This document provides instructions on installing Oracle Retail Item Planning. It provides detailed instructions on how to install an Item Planning (Item) 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.

Read through this document completely before performing the installation steps.

Hardware and Software Requirements

The following table provides information about the current release.

Release Information	Details Regarding This Release
Supported RPAS version	13.0.4
Supported OS, Server and Compilers	Sun Solaris 9: gcc 4.1.1 Sun Solaris 10: gcc 4.2.3 AIX 5.3 (TL5 or greater): gcc 4.1.1 HP-UX 11.23 (Itanium): aCC 6.15 Oracle Enterprise Linux 4, Update 5: gcc 4.1.1
Supported OS, Client	Windows NT, XP, 2000, Vista
Required 3rd Party Software	JRE 1.5

Note: The RPAS Client will not be supported on Windows 2000 after the 13.0.4 release. The RPAS Server will not be supported on Sun Solaris 9 after the 13.0.4 release.

Supported Oracle Retail Products

The following Oracle Retail products are supported:

Requirement	Version
Oracle Retail Assortment Planning	13.0.4
Oracle Retail Merchandise Financial Planning (MFP)	13.0.3

Installing Item Planning on 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 Item Planning Installer automates the following:

- Installation of the Item Planning mock install configuration
- Creation of a sample Item Planning domain

This document assumes that the RPAS Installer process (from the *RPAS Installation Guide*) has been completed prior to using the Item Planning 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://metalink.oracle.com>.

Environment Variable Setup Script

Before running the solution installer, source your **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.

Downloading and Extracting the Item Planning Media Pack

The following procedure provides information about extracting the Item Planning Media Pack and its contents.

1. Create a directory to store the Item Planning Media Pack and download the media pack to this location. This directory will be referred to as [IP Installation].
2. Extract the media pack to this location. Once extracted, two directories appear, CDROM and DOCS.

The CDROM folder contains the following ZIP files:

- ItemPlan.zip – This file contains the Item Planning solution.

The DOCS folder contains the Item Planning documentation. Within the DOCS you will find the following structure:

- Installation Guide – This folder contains the *Item Planning Installation Guide*.
- Release Notes – This folder contains the *Item Planning Release Notes*.
- Operations Guide – This folder contains the *Item Planning Operations Guide*.

Installing Item Planning

The following procedure provides information about extracting the Item Planning Media Pack and installing Item Planning.

1. Create a directory to store the Item Planning Media Pack on the target server. This directory will be referred to as [IP Installation]. It is the location where the Item Planning installation routine is run.
2. Using FTP in binary mode, transfer the Item Planning Media Pack to the [IP Installation] directory on the target server.
3. Extract the package to the [IP Installation] directory.

```
cd [IP Installation]
unzip ItemPlanning.zip
```

4. Extract the Item Planning Installer.

```
cd CDROM
unzip ItemPlan.zip
```

5. Change directories to the root of the [IP Installation] directory and run the Item Planning Installer:

```
cd itemplan
./install.sh
```

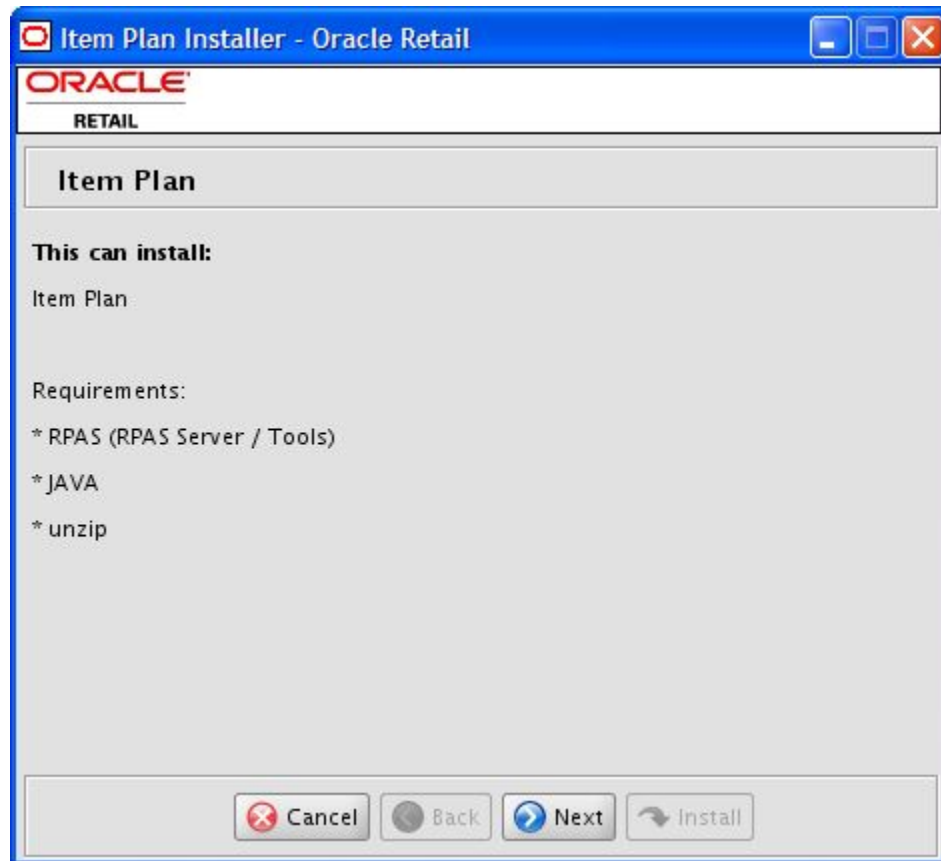
Note: The command must be executed with the preceding period and forward slash (. /).

If this process is being run on an X-Windows emulator (such as Exceed), 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 checkbox to signal whether you want a component installed; in text mode, you will be prompted for a response of "true" or "false".

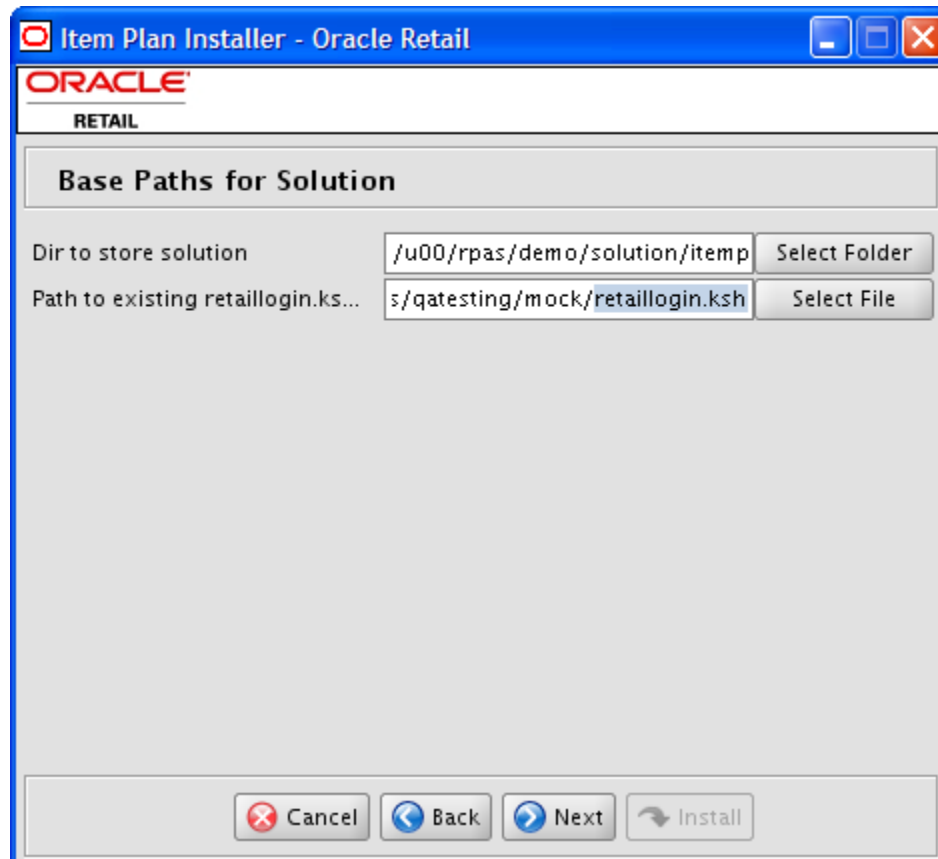
Note: In text mode, the default value will appear in square brackets []. To use the default value and continue, simply hit the Enter key. If you wish to use a different value, enter the new value. When prompted to create a directory, respond with "y" or "yes" and press the Enter key.

6. The Item Planning Installer screen appears and displays the components that will be installed during installation process and the required components. Click **Next** to continue.



Item Planning Installer Screen

7. The Base Paths for Solution screen appears. Enter the following and click **Next** to continue:
 - **Dir to store solution** – Enter the directory path where your solution will be stored.
 - **Directory and filename for Retail login script** – Enter the path and file name to the retaillogin.ksh script created during RPAS installation.



Item Plan Installer - Oracle Retail

ORACLE
RETAIL

Base Paths for Solution

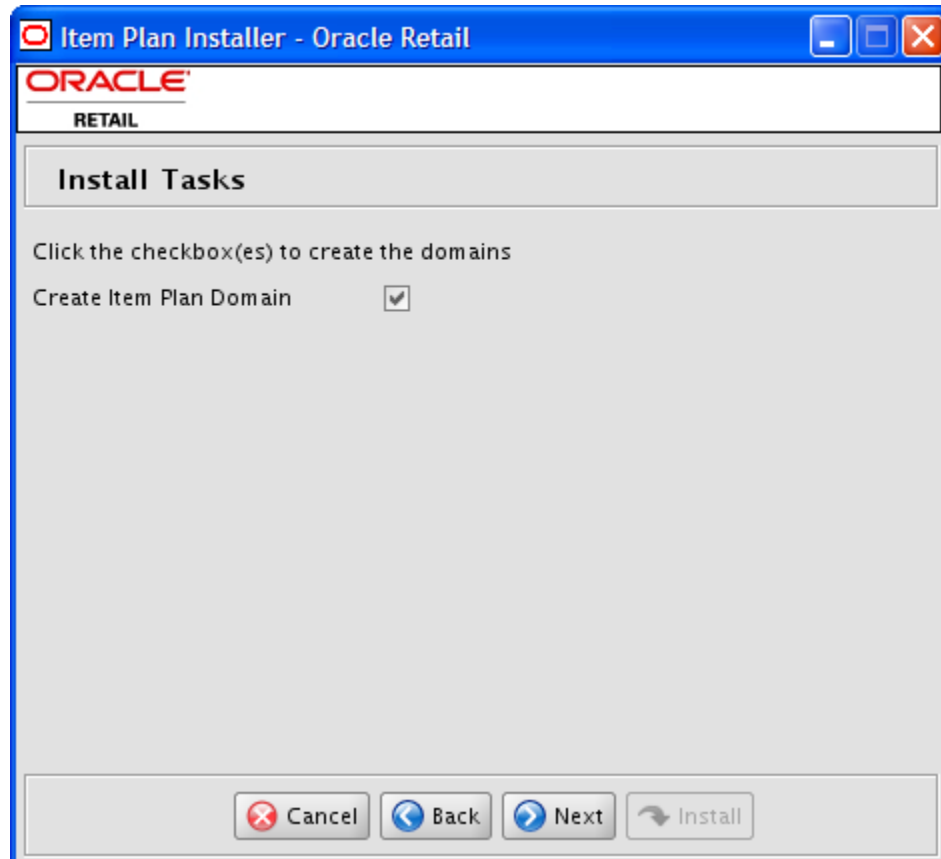
Dir to store solution /u00/rpas/demo/solution/itemp Select Folder

Path to existing retaillogin.ksh... s/qatesting/mock/retaillogin.ksh Select File

Cancel Back Next Install

Base Paths for Solution Screen

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

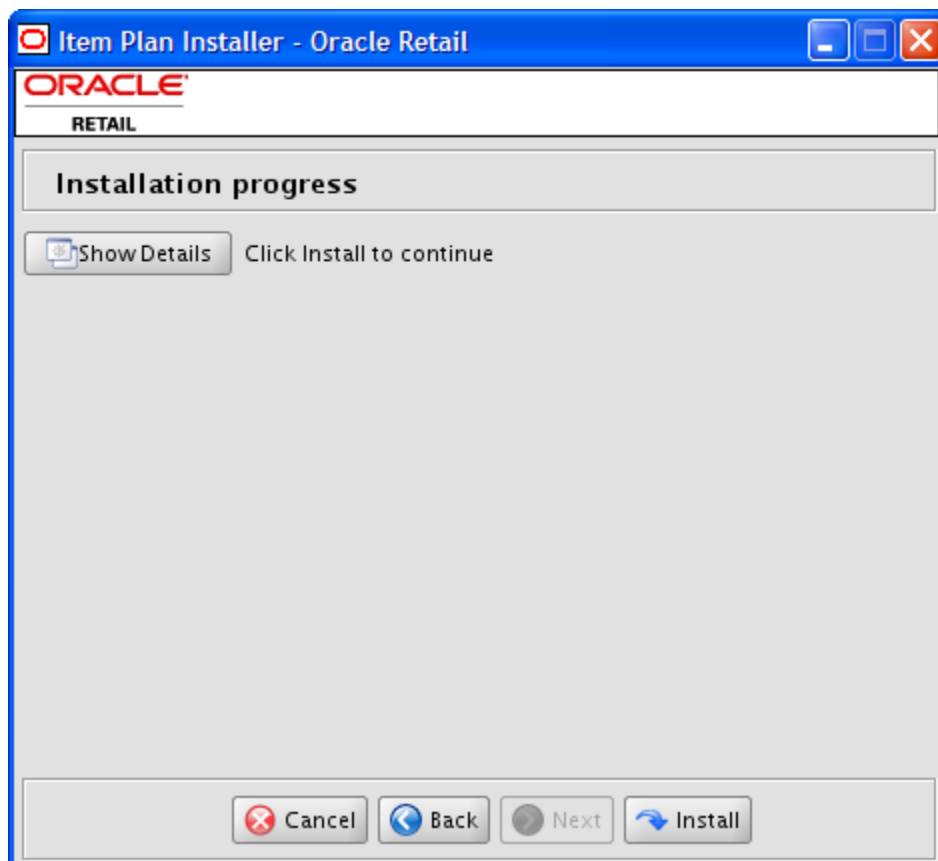


Install Tasks Screen

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 will change to show you the progress.

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



Installation Progress Screen

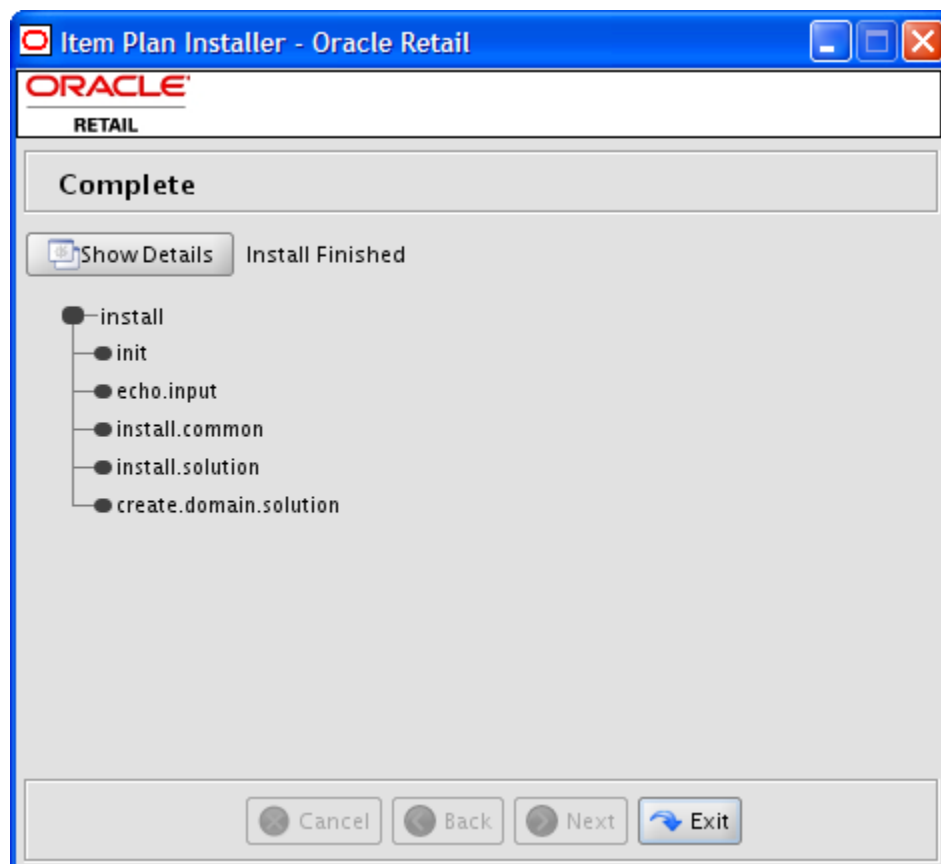
10. When the installation has finished, the Complete screen appears. To view the installation details, select the **Show Details** button. The screen displays two tabs, the Output tab and the Error tab. It is recommended that you review these tabs for any issues that may have occurred during the installation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

If you wish to view the log again at a later date, a text copy was saved in the directory [IP Installation]. 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 the "make_domain.itemplan" file located in [Solution 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 Item Planning configuration. These scripts, if present, may also be modified.

Note: For additional information on installing RPAS domains manually, please refer to the *RPAS Installation Guide*.



Complete Screen

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

Note: Before starting the DomainDaemon, you must first source the solution's environment.ksh script. This will load all environment variables required by RPAS to interact with your solution's workbooks. To do this, either in shell or with an addition to your .profile, add ". [Solution Install Dir]/bin/environment.ksh".

Appendix: Installation Order

This section provides a guideline as to the order in which the Oracle Retail applications should be installed. If a retailer has chosen to use some, but not all, of the applications the order is still valid less the applications not being installed.

Note: The installation order is not meant to imply integration between products.

1. Oracle Retail Merchandising System (RMS), Oracle Retail Trade Management (RTM), Oracle Retail Sales Audit (ReSA)
2. Oracle Retail Service Layer (RSL)
3. Oracle Retail Extract, Transform, Load (RETL)
4. Oracle Retail Active Retail Intelligence (ARI)
5. Oracle Retail Warehouse Management System (RWMS)
6. Oracle Retail Allocation
7. Oracle Retail Invoice Matching (ReIM)
8. Oracle Retail Price Management (RPM)

Note: During installation of RPM, you are asked for the RIBforRPM provider URL. Since RIB is installed after RPM, make a note of the URL you enter. If you need to change the RIBforRPM provider URL after you install RIB, you can do so by editing the `jndi_provider.xml` file.

9. Oracle Retail Central Office (ORCO)
10. Oracle Retail Back Office (ORBO) or Back Office with Labels and Tags (ORLAT)
11. Oracle Retail Store Inventory Management (SIM)

Note: During installation of SIM, you are asked for the AIP provider URL. Since AIP is installed after SIM, make a note of the URL you enter. If you need to change the AIP provider URL after you install AIP, you can do so by editing the `jndi_providers_ribclient.xml` file.

12. Oracle Retail Predictive Application Server (RPAS)
13. Oracle Retail Merchandise Financial Planning (MFP)
14. Oracle Retail Size Profile Optimization (SPO)
15. Oracle Retail Assortment Planning (AP)
16. Oracle Retail Item Planning (IP)
17. Oracle Retail Item Planning configured for COE (IPCOE)
18. Oracle Retail Advanced Inventory Planning (AIP)
19. Oracle Retail Integration Bus (RIB)
20. Oracle Retail Point-of-Service (ORPOS)
21. Oracle Retail Analytics Applications
22. Oracle Retail Data Warehouse (RDW)

23. Oracle Retail Workspace (ORW)