

Oracle® Financial Services Price Creation and Discovery Installation Guide



Release 8.1.2.5.0
G26381-01
February 2025

ORACLE®

Copyright © 2020, 2025, Oracle and/or its affiliates.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle®, Java, MySQL, and NetSuite are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

Contents

1	About This Guide	
2	OFS PCD Application Pack	
2.1	Pre-installation Requirements	2-1
2.2	Installing this Release	2-1
3	Apex Workspace Creation and Application Deployment Steps	
3.1	Importing the Application	3-2
	Index	

List of Figures

3-1 Create Workspace – Identify Schema

3-1

1

About This Guide

OFS PCD Application Pack Installation Guide is intended for Administrators and Implementation Consultants who handle installing and maintaining the application pack components.

Audience

This document assumes that you have experience in installing Enterprise Components and basic knowledge about the following:

- OFS PCD Applications Pack Components
- OFSAA Architecture
- UNIX Commands
- Database Concepts
- Web Server or Web Application Server

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Related Resources

- [OFS Price Creation and Discovery](#)
- [OFS Analytical Applications Infrastructure](#)
- [OFSAA Licensing Information User Manual](#)
- [OFS Analytical Applications Technology Matrix](#)

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.
<i>italic</i>	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.

2

OFS PCD Application Pack

OFS Price Creation and Discovery Application Pack Installation Guide Maintenance Level (ML) Release v8.1.2.5.0 includes minor enhancements since the previous Minor Release v8.1.2.0.0.

This ML Release of the OFS PCD Application Pack can be installed on a setup with any Oracle Financial Services Profitability (OFS PCD) v8.1.2.0.0 Application Pack.

Note that the following software versions are not supported from this release of OFS PCD:

- **Operating System:** OEL7, Solaris Spark 10, Solaris x86 10, and AIX 6
- **Oracle Database and Client:** 11g, 12c, and 18c
- **Application Server:** IBM WebSphere Application Server

2.1 Pre-installation Requirements

Ensure that the following prerequisites are present before you install this Maintenance Release:

- The minimum patch level installed must be OFS PCD Release v8.1.2.0.0.
- The unlimited Cryptographic Policy for Java is enabled during the installation of OFS PCD 8.1.2.0.0. For more information, see the Enabling Unlimited Cryptographic Policy Section in the [OFS Analytical Applications Infrastructure Administration Guide](#).
- It is mandatory to install the OFS PCD v8.1.2.0.0 only on Java 8 with JCE enabled. Therefore, configure the Java version of the following to Java 8 with JCE enabled.
- OFSAA Processing Tier (where the ML will be installed)
- Web Server (Tomcat or WebLogic)

Note:

To upgrade Java 7 to Java 8 in an existing OFSAA v8.0.7.x.x instance, see [OFS AAI Installation and Configuration Guide](#).

- You have executed the .profile file.
- Apex 21.1.0 and ORDS 21.1 Software Installation to Database.

2.2 Installing this Release

To install this Maintenance release:

1. Log in to [My Oracle Support](#) and search for **37374258** under the **Patches & Updates** Tab.
2. Download the OFS PCD 8.1.2.5.0 OFS PCD ML Release archive file and copy it to your OFSAA Server in Binary Mode.

 **Note:**

There are different archive files for different Operating Systems such as AIX, Solaris, and RHEL or OEL.

3. Stop all the OFS AAI Services.

For more information, see the *Stopping Infrastructure Services* section in the [OFS AAI Installation and Configuration Guide](#).

4. Log in to the OFSAA Server as a non-root user and navigate to the `$FIC_HOME` directory.
5. Assign WRITE permission to the files or directories such as commonscripts, EXEWebService, ficapp, ficweb, and ficdb using the command:

```
chmod -R 775 *
```

6. If you have the Unzip utility, skip to the next step or download the Unzip utility (OS-specific) and copy it in Binary Mode to the directory that is included in your PATH variable, typically `$HOME` path or directory in which you have copied the v8.1.2.5.0 ML.

Uncompress the unzip installer file using the command:

```
unzip -a OFS_PM_8.1.2.5.0_<OS>.zip
```

 **Note:**

If you notice an error message "uncompress: not found [No such file or directory]" when the package is not installed, contact your UNIX Administrator.

7. Assign EXECUTE permission to the utility using the command:

```
chmod 751 unzip_<os>
```

For example, `chmod 751 unzip_aix`

8. Extract the contents of the v8.1.2.5.0 ML archive file using one of the following commands:

```
unzip_<os> -a OFS_PM_8.1.2.5.0
```

or

```
unzip -a OFS_PM_8.1.2.5.00_<OS>
```

 **Note:**

The above "-a" option is mandatory to extract the archive file. An example of the AIX Operating System, `unzip -a p37374258_81250_AIX64.zip`

9. Update the parameters in the `params.conf` file present in the `OFS_PM_PACK/appsLibConfig/conf` directory for the following parameters:

```
UPLOAD_MODEL=0
```

10. Navigate to the `OFS_PM_PACK` directory to assign EXECUTE permission to the ML Patch Installer Script using the command:

```
chmod 755 OFSAAIUpdate.sh
```

11. Complete the patch upgrade using the command:

```
./OFSAAIUpdate.sh
```

12. Verify if the ML patch is applied successfully by checking the log file generated in the OFS_PM_PACK/OFS_PCD/logs directory. You can ignore error codes ORA-00001 and ORA-02292 in the log file. You can also ignore the errors “Object already exists” and “Table already has a referential constraint with the same name”.

For any other errors, contact [My Oracle Support](#).

 **Note:**

For an upgrade on Hive Infodomain, you may encounter an exception "PL/SQL: ORA-00942: table or view does not exist". You can ignore this error.

13. After successful installation of the ML, follow these steps:

Run the following command to execute the .profile file: `. $HOME/.profile`

14. Clear the Application Cache. Navigate to the following path depending on the configured Web Application Server and delete the files.
 - **Tomcat:** <Tomcat installation folder>/work/Catalina/localhost/<Application name>/org/apache/jsp
 - **WebLogic:** <WebLogic installation location>/domains/<Domain name>/servers/<Server name>/tmp/_WL_user/<Application name>
 - **WebSphere:** <WebSphere installation directory>/AppServer/profiles/<Profile name>/temp/<Node name>/server1/<Application name>/<.war file name>
15. Delete the existing EAR or WAR file available in the \$FIC_HOME/ficweb directory.
16. Generate the application EAR or WAR file and redeploy the application on your configured Web Application Server. For more information, see [OFS AAI Installation and Configuration Guide](#).
17. Restart all the OFSAAI Services. For more information, see the *Starting Infrastructure Services* section in the [OFS AAI Installation and Configuration Guide](#).

3

Apex Workspace Creation and Application Deployment Steps

After installing the OFS PCD 8.1.2.5.0 ML, you should create the Apex Workspace.

To create the Workspace and deploy the application:

1. Sign in to Oracle Application Express Administration Services using the Instance administrator account and password created.
2. After logging into the Oracle Application Express (APEX) Administration console, you see the Administration home page. Click **Create Workspace** to start creating a workspace.
3. Enter a workspace name, ID number, and description, and then click **Next**. Enter the following for the Workspace ID and Workspace Name:
 - **Workspace Id:** 111111001002001
 - **Workspace Name:** OFSAADS_APEX

Note:

Ensure that the workspace IDs are the same in all your APEX instances in all your environments for the same Workspace.

4. Select Re-use existing schema and select the CONFIG schema name.
(Optional) <Enter additional information about the step.>

Figure 3-1 Create Workspace – Identify Schema

The screenshot shows the 'Create Workspace' wizard with the 'Identify Schema' step selected. A progress bar at the top shows three steps: 'Create Workspace' (completed, green dot), 'Identify Schema' (current step, blue dot), and 'Provide Workspace Admin Details' (not started, grey dot). Below the progress bar, instructions state: 'Select whether or not the schema already exists. If the schema exists, select the schema from the list. If the schema does not exist, enter a name and password and choose the size of the associated tablespace to be created.' The form contains the following fields: 'Re-use existing schema?' with a dropdown set to 'Yes' (indicated by a red arrow); 'Schema Name' with a text input containing 'CA811DEVCONF' and a list icon (indicated by a red arrow); 'Schema Password' with a text input and a help icon; and 'Space Quota (MB)' with a dropdown set to '100' and a help icon. Below the form is a section titled 'Information on Schema' with a table containing the following details: Account Status (OPEN), Default Tablespace (CA811_CONF), and Suggested Additional Privileges (CREATE CLUSTER, CREATE DIMENSION, CREATE INDEXTYPE, CREATE OPERATOR, CREATE TYPE).

5. Provide the Workspace admin details.
A dialog box confirms the details in the workflow.
6. Click **Next**.

This dialog tells you that you have successfully provisioned a Workspace.

7. Click **Done** to complete the workflow.

3.1 Importing the Application

To import the application:

1. Connect to the Workspace that you have created using the workspace admin credentials.
2. Select App Builder.

Note:

Before importing the application ensure that this application ID exists already in the workspace. If the application ID already exists, then take a backup before importing the application.

3. Select the Import option. Import all the files starting with `f1201*.sql` available at the location `FIC_HOME/dumps/apps/`.

Note:

Replace the placeholder `##AS_USER##` with the atomic schema name in small letters.

Example: `##AS_USER## as pcd8125atomic`.

4. Click **Next** with the default options.
5. Select the CONFIG schema of the application and select the **Reuse Application ID** option. Click **Install Application**.
6. Click the **Run Application** button. This completes the import and directs you to the application.

Glossary

Index