

# **Oracle Financial Services Price Creation and Discovery Application Pack**

## **Installation and Configuration Guide**

**Release 8.0.7.2.0**

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## Oracle Financial Services Price Creation and Discovery Application Pack

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## Document Control

Version Number	Revision Date	Change Log
1.0	29-July-2019	First draft
1.1	25-Sept-2020	Included prerequisite for installation and added Appendix: SQL Scripts for dropping the materialized views.

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# 1 Introduction

This document provides step-by-step instructions to install the Oracle Financial Services Price Creation and Discovery Application Pack (OFS PCD Application Pack) Maintenance Release (ML) 8.0.7.2.0. This ML release of OFS PCD can be installed on a setup with OFS PCD Pack 8.0.7.0.0.

OFS PCD Application Pack 8.0.7.2.0 ML includes all the bug fixes and minor enhancement done since the previous General Availability (GA) release, it is 8.0.7.0.0.

## 1.1 Abbreviations

Abbreviation	Meaning
AIX	Advanced Interactive eXecutive
BDP	Big Data Processing
DBA	Database Administrator
DDL	Data Definition Language
DEFQ	Data Entry Forms and Queries
DML	Data Manipulation Language
EAR	Enterprise Archive
EJB	Enterprise JavaBeans
ERM	Enterprise Resource Management
FTP	File Transfer Protocol
GUI	Graphical User Interface
HDFS	Hadoop Distributed File System
HTTPS	Hypertext Transfer Protocol Secure
J2C	J2EE Connector
J2EE	Java 2 Enterprise Edition
JDBC	Java Database Connectivity
JDK	Java Development Kit
JNDI	Java Naming and Directory Interface
JRE	Java Runtime Environment
JVM	Java Virtual Machine
LDAP	Lightweight Directory Access Control
LHS	Left Hand Side
MFA	Multi-Factor Authentication
MOS	My Oracle Support
OBIEE	Oracle Business Intelligence Enterprise Edition
OFSAAI	Oracle Financial Services Analytical Application Infrastructure
OHC	Oracle Help Center

Abbreviation	Meaning
OLAP	On-Line Analytical Processing
OLH	Oracle Loader on Hadoop
ORAAH	Oracle R Advanced Analytics for Hadoop
OS	Operating System
RAM	Random Access Memory
RDBMS	Relational Database Management System
SFTP	Secure File Transfer Protocol
SID	System Identifier
SSL	Secure Sockets Layer
TDE	Transparent Data Encryption
TNS	Transparent Network Substrate
URL	Uniform Resource Locator
VM	Virtual Machine
WAR	Web Archive
XML	Extensible Markup Language

## 1.2 Related Documents

This section identifies additional documents related to OFS PCD Application Pack 8.0.7.2.0. You can access Oracle documentation online from the Documentation Library ([OHC](#)).

- Oracle Financial Services Price Creation and Discovery User Guide 8.0.7.0.0
- [Oracle Financial Services Analytical Applications Technology Matrix](#)

## 2 Installing OFS PCD Application Pack 8.0.7.2.0 Maintenance Release

### NOTE

You should have OFS PCD Application Pack version 8.0.7.0.0 as the minimum patch level in order to install 8.0.7.2.0 Maintenance Release.

### 2.1 Prerequisite

Drop the following materialized views from the ATOMIC schema:

- FSI\_PRICING\_SNAPSHOT\_JSON
- FSI\_MY\_DEAL\_CLOSURE\_JSON
- FSI\_MY\_NOTIFICATIONS\_JSON
- FSI\_MY\_OPEN\_DEALS\_JSON
- FSI\_NET\_INCOME\_PRIOR\_JSON
- FSI\_TOP\_FIVE\_CUSTOMERS\_JSON
- FSI\_TOP\_FIVE\_PRODUCTS\_JSON
- FSI\_RELATIONSHIP\_DEPTH\_JSON
- FSI\_TOP\_FIVE\_RM\_JSON
- FSI\_APPROVALS\_OVERDUE\_JSON
- FSI\_AGING\_DEALS\_JSON
- FSI\_MY\_PERFORMANCE\_JSON

For more details about dropping the materialized views, see [Appendix A: SQL Scripts to Drop the Materialized Views](#).

### 2.2 Applying OFS PCD Application Pack 8.0.7.2.0 Maintenance Release

To download, extract, install, and configure this maintenance release:

1. Log into <https://support.oracle.com> and search for OFS PCD Maintenance Level **29999437** under the **Patches & Updates** tab.
2. Download the OFS PCD Pack Maintenance Level Release v8.0.7.2.0 archive file and copy it to your OFSAA server in Binary mode.

### NOTE

There are different archives files for different operating systems such as AIX, Solaris, and Oracle Linux.

3. Shutdown all OFSAAI services. For more information, see Start/Stop Infrastructure Services section in the [Oracle Financial Services Price Creation and Discovery Application Pack Installation Guide 8.0.7.0.0](#).

4. Log in to My Oracle Support, search for the **33663417** Mandatory Patch in the Patches & Updates Tab and download it.

#### ATTENTION

On the 10th of December 2021, Oracle released Security Alert CVE-2021-44228 in response to the disclosure of a new vulnerability affecting Apache Log4J prior to version 2.15. The application of the 33663417 Mandatory Patch fixes the issue.

For details, see the My Oracle Support Doc ID [2827801.1](https://support.oracle.com/Doc/2827801/1).

5. Log into the OFSAA server with the user credentials that were used to install OFS PFT.
6. Give EXECUTE permission to the file using the following command:
7. Extract the contents of the OFS PCD Application Pack 8.0.7.2.0 in the Download Directory installer archive file using the following command:

```
chmod 755 OFS_PM_8.0.7.2.0_<OS>.zip
```

```
unzip -a OFS_PM_8.0.7.2.0_<OS>.zip
```

#### NOTE

The above "-a" option is mandatory to unzip the archive file. For example:  
For AIX operating system

```
unzip -a OFS_PM_8.0.7.2.0_AIX.zip
```

Modify `params.conf` file present in the `OFS_PM_PACK/OFS_PM/conf` and update the parameter `UPLOAD_MODEL=0`.

8. Give EXECUTE permission to the installer file. Navigate to: `OFS_PCD_PACK` and execute the following commands:

```
chmod 755 OFSAAIUpdate.sh
```

9. Trigger the installation by executing the following command:

```
./OFSAAIUpdate.sh
```

10. Verify if the maintenance level release is applied successfully by checking the log files generated in the installation folder as mentioned below:

- `OFS_PM_PACK/logs/OFSAAIUpdate.log` for Infrastructure installation log file.
- `OFS_PM_PACK/OFS_PM/logs/OFS_PM_patch_installation.log` for OFS PCD Application Pack installation log file.

You can ignore the following errors in the log files:

- ORA-00001

If there are any other errors, contact Oracle Support.

11. After successful installation, follow these steps:

- a. Download the mandatory one-off patch 30170141 from <http://support.oracle.com/>. Extract and apply the patch.



**NOTE** In an application-on-application/pack-on-pack installation scenario (to install another application/pack after an application/pack has been installed), reapply the patch post installation of the 8.0.7.2.0 version. However, before you reapply, delete the record for patch number 30170141 in the **infodomm patches** and **patchapply details** tables.

- **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>/<auto generated folder>/jsp\_servlet
- **WebSphere:** <Websphere installation directory>/AppServer/profiles/<Profile name>/temp/<Node name>/server1/<Application name>/<.war file name>

### 3      **Appendix A: SQL Scripts to Drop the Materialized Views**

Use the following SQL script to kill the running jobs and drop the materialized views:

```
declare
v_job_id number(20);
begin
select job into v_job_id from user_jobs where broken ='N' and what like
'%FSI_PRICING_SNAPSHOT_JSON%';
dbms_job.broken(v_job_id,TRUE);
commit;
exception when others then
null;
end;
/

declare
begin
execute immediate '
drop MATERIALIZED VIEW FSI_PRICING_SNAPSHOT_JSON';
exception when others then
null;
end;
/

declare
v_job_id number(20);
begin
select job into v_job_id from user_jobs where broken ='N' and what like
'%FSI_MY_DEAL_CLOSURE_JSON%';
dbms_job.broken(v_job_id,TRUE);
commit;
exception when others then
null;
end;
/

declare
begin
execute immediate '
drop MATERIALIZED VIEW FSI_MY_DEAL_CLOSURE_JSON';
```

```

exception when others then
null;
end;
/

declare
v_job_id number(20);
begin
select job into v_job_id from user_jobs where broken ='N' and what like
'%FSI_MY_NOTIFICATIONS_JSON%';
dbms_job.broken(v_job_id,TRUE);
commit;
exception when others then
null;
end;
/

declare
begin
execute immediate '
drop MATERIALIZED VIEW fsi_my_notifications_json';
exception when others then
null;
end;
/

declare
v_job_id number(20);
begin
select job into v_job_id from user_jobs where broken ='N' and what like
'%FSI_MY_OPEN_DEALS_JSON%';
dbms_job.broken(v_job_id,TRUE);
commit;
exception when others then
null;
end;
/

declare
begin
execute immediate '
drop MATERIALIZED VIEW FSI_MY_OPEN_DEALS_JSON';

```

```

exception when others then
null;
end;
/

declare
v_job_id number(20);
begin
select job into v_job_id from user_jobs where broken = 'N' and what like
'%FSI_NET_INCOME_PRIOR_JSON%';
dbms_job.broken(v_job_id,TRUE);
commit;
exception when others then
null;
end;
/

declare
begin
execute immediate '
drop MATERIALIZED VIEW fsi_net_income_prior_json';
exception when others then
null;
end;
/

declare
v_job_id number(20);
begin
select job into v_job_id from user_jobs where broken = 'N' and what like
'%FSI_TOP_FIVE_CUSTOMERS_JSON%';
dbms_job.broken(v_job_id,TRUE);
commit;
exception when others then
null;
end;
/

declare
begin
execute immediate '
drop MATERIALIZED VIEW FSI_TOP_FIVE_CUSTOMERS_JSON';

```

```

exception when others then
null;
end;
/

declare
v_job_id number(20);
begin
select job into v_job_id from user_jobs where broken ='N' and what like
'%FSI_TOP_FIVE_PRODUCTS_JSON%';
dbms_job.broken(v_job_id,TRUE);
commit;
exception when others then
null;
end;
/

declare
begin
execute immediate '
drop MATERIALIZED VIEW FSI_TOP_FIVE_PRODUCTS_JSON';
exception when others then
null;
end;
/

declare
v_job_id number(20);
begin
select job into v_job_id from user_jobs where broken ='N' and what like
'%FSI_RELATIONSHIP_DEPTH_JSON%';
dbms_job.broken(v_job_id,TRUE);
commit;
exception when others then
null;
end;
/

declare
begin
execute immediate '
drop MATERIALIZED VIEW FSI_RELATIONSHIP_DEPTH_JSON';

```

```

exception when others then
null;
end;
/

declare
v_job_id number(20);
begin
select job into v_job_id from user_jobs where broken ='N' and what like
'%FSI_TOP_FIVE_RM_JSON%';
dbms_job.broken(v_job_id,TRUE);
commit;
exception when others then
null;
end;
/

declare
begin
execute immediate '
drop MATERIALIZED VIEW FSI_TOP_FIVE_RM_JSON';
exception when others then
null;
end;
/

declare
v_job_id number(20);
begin
select job into v_job_id from user_jobs where broken ='N' and what like
'%FSI_APPROVALS_OVERDUE_JSON%';
dbms_job.broken(v_job_id,TRUE);
commit;
exception when others then
null;
end;
/

declare
begin
execute immediate '
drop MATERIALIZED VIEW fsi_approvals_overdue_json';

```

```

exception when others then
null;
end;
/

declare
v_job_id number(20);
begin
select job into v_job_id from user_jobs where broken ='N' and what like
'%FSI_AGING_DEALS_JSON%';
dbms_job.broken(v_job_id,TRUE);
commit;
exception when others then
null;
end;
/

declare
begin
execute immediate '
drop MATERIALIZED VIEW fsi_aging_deals_json';
exception when others then
null;
end;
/

declare
v_job_id number(20);
begin
select job into v_job_id from user_jobs where broken ='N' and what like
'%FSI_MY_PERFORMANCE_JSON%';
dbms_job.broken(v_job_id,TRUE);
commit;
exception when others then
null;
end;
/

declare
begin
execute immediate '
drop MATERIALIZED VIEW FSI_MY_PERFORMANCE_JSON';

```

```
exception when others then  
null;  
end;  
/
```



