

Upgrade Installation Guide

Oracle Financial Services Lending and Leasing

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Oracle Financial Services Lending and Leasing User Documentation

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1. Preface

For recommendations on security configuration, refer Security Configuration Guide.

This document contains notes and installation steps needed to install an upgrade for Oracle Financial Services Lending and Leasing.

2. Upgrading Oracle Financial Services Lending and Leasing Database

2.1 Pre-requisites

- It is assumed that an earlier version of Oracle Financial Services Lending and Leasing is installed.

2.2 Audience

This document is intended for system administrators or application developers who are upgrading Oracle Financial Services Lending and Leasing Application.

2.3 Conventions Used

Term	Refers to
Home Directory/ <i>\$OFSSL_HOME</i>	Oracle Financial Services Lending and Leasing Home Directory
Application	Oracle Financial Services Lending and Leasing

2.4 Upgrading Application Database

An upgrade is a process of updating an existing version to its higher version. For example, upgrading Oracle Financial Services Lending and Leasing from 14.9.0.0.0 to 14.10.0.0.0.

(Optional) Before you start with the upgrade process, you can execute the following grants as sys user to facilitate Machine Learning functionality in OFSSL:

```
GRANT CREATE MINING MODEL TO ${OFSSL_USER};
```

2.4.1 Upgrade to 14.10.0.0.0

Choose '2' as the installer option at the 'Selecting the Install Type' stage, then the script runs the upgrade installer.

```
Oracle Financial Services Lending and Leasing DB Installer

Important Note:
-----
It is recommended to have a OS level user id created on DB server (say ofsl1)
before running the installer.

The installer will create the required Tablespace and application schema user.

The default set of subdirectories underneath the home directory creates a couple
of command files needed by the application.

The tables are grouped as follows:

GROUP          DESCRIPTION
-----
org            origination
svc            servicing
cmn            common
txn            transaction
api            import/conversion
adm            setup/administration
arc            archive

Continue? [y/n]: y

Installer Options          Description
-----
1. New Installation       Full installation of OFSL Product
2. Upgrade Installation   Upgrade existing installation of OFSL Product
3. Install DB Objects only Already the DB Schema and tablespaces are available install only DB Objects

Choose an installer option? [1-3]: 2

Installer Options          Description
-----
1. New Installation       Full installation of OFSL Product
X 2. Upgrade Installation Upgrade existing installation of OFSL Product
3. Install DB Objects only Already the DB Schema and tablespaces are available install only DB Objects

Enter the Oracle Financial Services Lending and Leasing
home Path? (usually /home/ofsl1):
```

Respond to the prompts and continue. *For more details, refer to 'Installing Upgrade' section in Database Installation Guide.*

While installing the upgrade, the installer performs the following tasks:

1. Stop the running services, if any.

```
Enter the Oracle userid (schema name) that will own the Oracle Financial Services Lending and Le
asing
objects? (This is usually ofsl1prd): ofsl1tel

Enter the password for this userid:

Services are still running, cannot load objects.
Stop the Services? [y/n]y

Shutdown the Job Services...

Installing Type objects...
ort_type_cmn.sql

Type dropped.
```

2. In case you see the below prompt to stop the queue for loading objects, press 'Y' and press Enter to confirm.

```
Queues are still running, cannot load objects.
Stop the Queues? [y/n]y

Shutdown the queues...
```

3. In case the Schema is EBR (Edition based Redefinition) enabled,

- You will be prompted as below. Press 'Y' and enter to continue.

```
The schema is editions enabled

If you wish to continue, Please ensure that a new Edition is created and the user has
s required privileges to use it.
Continue with Installation? [y/n] : █
```

- Enter the Edition name and press enter. Confirm 'Y' when prompted.

```
Enter the Edition name (For Example OFSSL_R#_P#) : OFSSL_P1

EDITIONNAME=OFSSL_R14X_P1
Okay [y/n]?: Y█
```

4. Install the upgrade

```
PL/SQL procedure successfully completed.

PL/SQL procedure successfully completed.

Commit complete.

Commit complete.

Inserting Version Details...

1 row created.

Commit complete.
```

5. Recompile the invalid objects and complete installation.

```
Recompiling Invalid Objects...

Oracle Financial Services Lending and Leasing DB Object Upgrade Complete.
Log files are located in /scratch/work_area/DEV/OFSSLREL/logs/ofsl1_install_logs
-bash-4.1$ █
```

6. Install the database object of web services by referring to the instructions detailed in chapter 2 'Installing WebServices Database Objects' of WebServices Installation Guide.
7. Grant access/permission by doing the following:
 - Grant java file permissions for the directory objects created by executing the script 'set_java_perms.sql' available in dba_utils folder. For more information, refer to the process detailed in section 2.5 of Database installation guide.
 - Post upgrade, you need to execute the following db script available in dba_utils folder.
 - To provide access to all the new 'Screens' and/or 'Web Services' for a specific responsibility, execute set_screen_access.sql
 - To provide access to all the new Reports, Transactions, Correspondence for a specific responsibility, execute set_rpt_txn_cor_access.sql

In the prompt, enter the user responsibility. You can also specify 'ALL' to provide screen access to all the users in bulk.

Further, you can customized the access through Setup > User > Access screen as detailed in setup guide.

Note

- Post upgrade, if there are any invalid java stored procedures noticed, please recompile the respective units manually.
 - In case where 'Edition based Redefinition' (EBR) is enabled, the default edition of database is to be modified/switched to the new edition. This is to be done by system administrator only after both Database Patch and Webservices Patch objects are installed as mentioned in chapter 2 and chapter 4.2 and when all the database objects are in valid state.
-

2.4.2 Upgrade Application

This process involves removing 'AQJMSModule' and configuring JMS Queue and Oracle JET.

Following the below step to remove the AQ-JMS Bridge configuration:

1. Login to WebLogic Server 12c console (<http://hostname:port/console>).
2. In the main window, click 'Lock & Edit'. Select Services > Messaging > JMS Modules. The following window is displayed:

The screenshot displays the Oracle WebLogic Server Administration Console 12c interface. The main content area is titled 'Summary of JMS Modules'. It includes a 'Change Center' on the left with 'Lock & Edit' and 'Release Configuration' buttons. Below that is the 'Domain Structure' tree with 'Services' expanded and 'JMS Modules' selected. The 'How do I...' section lists 'Configure JMS system modules' and 'Configure resources for JMS system modules'. The 'System Status' section shows 'Health of Running Servers as of 1:11 PM' with 'Failed (0)' and 'Critical (0)' counts. The main table, 'JMS Modules (Filtered - More Columns Exist)', has columns for 'Name' and 'Type'. It contains two rows: 'AQJMSModule' (checked) and 'OfsllJMSModule'. 'New' and 'Delete' buttons are present above and below the table. The top navigation bar shows 'Home', 'Log Out', 'Preferences', 'Record', 'Help', and 'Welcome, weblogic'.

3. Select 'AQJMSModule' check box and click 'Delete' button. Click 'Yes' in the prompt to confirm deletion.
4. Once done, click 'Activate changes'.

Note

'AQ-JMS-DB' data source is not used by any functionality/CSF entries.

Perform the below steps to upgrade JMS Queue configuration and Oracle JET:

1. Copy the latest OfslCommonCSF.jar from OfslQueueApp.ear/lib/ available in the staging area to \$DOMAIN_HOME/lib

2. Setup Outbound Queue configuration by referring to section '9.3 Outbound Queue Configuration' in Application Installation guide.
3. (Optional) Configure Oracle JET by referring to section '10. Configure Oracle JET' in Application Installation guide.