

Upgrade Installation Guide

Oracle Financial Services Lending and Leasing

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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/ \$OFSSL_HOME	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 14.5.0.0.0 to 14.6.0.0.0.

Note

Oracle Financial Services Lending and Leasing also supports direct upgrade from 14.4.0.0.0 to 14.6.0.0.0 version.

- To upgrade from 14.5.0.0.0 to 14.6.0.0.0, refer to [Upgrade to 14.6.0.0.0](#) section below.
- To upgrade from 14.4.0.0.0 to 14.6.0.0.0, perform the below steps and then continue with instructions in [Upgrade to 14.6.0.0.0](#) section.

To perform Direct Upgrade from 14.4.0.0.0 to 14.6.0.0.0, do the following:

- In the folder ofslldb.zip\infrastructure\indexes, delete the file 'upgrade_in_rel_ofsll_14_6_0_0_0.sql'.
- Copy 'upgrade_in_rel_ofsll_14_4_0_0_x_to_14_6_0_0_0.sql' file available under data_fix folder to \ofslldb.zip\infrastructure\indexes folder.
- In the folder ofslldb.zip\infrastructure\indexes, delete the file 'upgrade_tb_rel_ofsll_14_6_0_0_0.sql'.
- Copy 'upgrade_tb_rel_ofsll_14_4_0_0_x_to_14_6_0_0_0.sql' file available under data_fix folder to \ofslldb.zip\infrastructure\tables folder.
- Copy the file 'upgrade_seed_data_combination_14_4_0_0_x_to_14_6_0_0_0.sql' available under data_fix folder to \ofslldb.zip\seed_data\us\combination_data\sql\.
- In the folder ofslldb.zip\infrastructure\directories, delete the file 'upgrade_utldir_cmn_14_6_0_0_0.sql'.

- Copy the file 'upgrade_utldir_cm_n_14_4_0_0_x_to_14_6_0_0_0.sql' available under data_fix folder to \ofsldb.zip\infrastructure\directories folder.
- Execute the following grants as sys user to facilitate Data Masking functionality for Personally Identifiable Information using Data Redaction:
 - grant EXECUTE ON sys.dbms_redact TO \${OFSLL_USER};
 - grant SELECT ON REDACTION_POLICIES TO \${OFSLL_USER};

2.4.1 Upgrade to 14.6.0.0.0

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 ofsll)
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 OFSLL Product
2. Upgrade Installation   Upgrade existing installation of OFSLL 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 OFSLL Product
X 2. Upgrade Installation Upgrade existing installation of OFSLL 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/ofsll):

```

During the upgrade process directory objects are to be created and installer prompts for the same as indicated below:

```

Installing Directory objects...
upgrade_utldir_cm_n.sql

PL/SQL procedure successfully completed.

The Oracle Financial Services Lending and Leasing schema owner owns all of the objects.

Enter name of Oracle Financial Services Lending and Leasing schema owner: OFSLLREL

This script will create a number of Oracle directory objects that will be
used to grant the UTL_FILE package read and write access to application
directories.

The CMN_SERVER_HOME parameter is the top-level directory below which
all application input and output files will be stored.
For example: /home/ofsll

The current value of CMN_SERVER_HOME is:

CMN_SERVER_HOME
-----
/scratch/work_area/DEV/OFSLLREL

Enter directory path for CMN_SERVER_HOME (press enter to keep current value):

```

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 Leasing
objects? (This is usually ofsilprd): ofsilrel

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. 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.
```

3. Recompile the invalid objects and complete installation.

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

Post upgrade, install the database object of web services by referring to the instructions detailed in chapter 2 'Installing WebServices Database Objects' of WebServices Installation Guide.

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.

Note

Post upgrade, if there are any invalid java stored procedures noticed, please recompile the respective units manually.
