

Oracle® FLEXCUBE Investor Servicing

Installation of Edition Based Redefinition Fix



Release 14.8.0.0.0

G32126-02

April 2025

ORACLE®

Oracle FLEXCUBE Investor Servicing Installation of Edition Based Redefinition Fix, Release 14.8.0.0.0

G32126-02

Copyright © 2007, 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

Preface

Purpose	i
Audience	i
Documentation Accessibility	i
Critical Patches	ii
Diversity and Inclusion	ii
Conventions	ii
Screenshot Disclaimer	ii
Acronyms and Abbreviations	ii

1 Installation of EBR Fixes

1.1 EBR fix	1
-------------	---

2 Pre-requisite for EBR

2.1 Pre-Installation Configuration	1
------------------------------------	---

3 EBR Database setup

3.1 Stage 1: Patch Set Compile	1
3.2 Stage 2: Edition Switch	2
3.3 Stage 3: Base Compile	3
3.4 Stage 4: Drop Patch Set Edition	4

4 Operational Issues and Troubleshoot

Preface

Oracle FLEXCUBE Investor Servicing is a comprehensive mutual funds automation software from Oracle® Financial Servicing Software Ltd.©.

You can use the system to achieve optimum automation of all your mutual fund investor servicing processes, as it provides guidelines for specific tasks, descriptions of various features and processes, and general information.

This topic contains the following sub-topics:

- [Purpose](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Conventions](#)
- [Screenshot Disclaimer](#)
- [Acronyms and Abbreviations](#)

Purpose

This manual is designed to help acquaint you with the installation of **Oracle FLEXCUBE Investor Servicing** application.

Audience

This manual is intended for the following User/User Roles:

Table 1 Users and Roles

Users	Roles
Implementation team	Implementation of Oracle FLEXCUBE Investor Servicing
Presales team	Install Oracle FLEXCUBE Investor Servicing for demo purpose
Bank personnel	Who installs Oracle FLEXCUBE Investor Servicing

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 customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

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.

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

Acronyms and Abbreviations

The list of the acronyms and abbreviations used are as follows:

Table 2 Acronyms and Abbreviations

Abbreviation	Description
FCIS	Oracle FLEXCUBE Investor Servicing
OEM	Oracle Enterprise Manager

Table 2 (Cont.) Acronyms and Abbreviations

Abbreviation	Description
EMS	Electronic Messaging Service
EJB	Enterprise Java Bean
MDB	Message Driven Beans

1

Installation of EBR Fixes

This topic provides information on installation of EBR fixes.

This topic consists the following sub-topics:

- [EBR fix](#)
This topic provides information on EBR fixes.

1.1 EBR fix

This topic provides information on EBR fixes.

Individual fix Installation with Edition Based Redefinition (EBR) requires Installer to use Editions in a Database Schema.

Installer is enhanced to use Database Schema Editions and apply the individual fix DB compilation in patch set edition and then Base edition.

2

Pre-requisite for EBR

This topic provides information on pre-requisite for EBR.

Below Privilege must be provided to the Database Schema from SYS Database User.

- ALTER USER <SCHEMA NAME> ENABLE EDITIONS [FORCE];
- GRANT CREATE ANY EDITION TO <SCHEMA NAME>;
- GRANT DROP ANY EDITION TO <SCHEMA NAME>;
- GRANT ALTER SESSION TO <SCHEMA NAME>;
- GRANT EXECUTE on DBMS_SESSION TO <SCHEMA NAME>;

- [Pre-Installation Configuration](#)

This topic provides information on pre-installation configuration.

2.1 Pre-Installation Configuration

This topic provides information on pre-installation configuration.

These are the following EBR fix deployment stages:

- EBR_FLAG is a property in the file **env.properties**. Set this property to 'Y' if EBR fix deployment is required.
- EBR_STAGE is a property in the file **env.properties**. This property is used to indicate the different stages in EBR fix deployment. The different stages are as follows.
 - PATCHSET_COMPILE
 - SWITCH_LOGON
 - BASE_COMPILE
 - EBR_EXIT
- SINGLE_FIX_SOURCE is an existing property in the file **env.properties**. It will have value 'Y' for individual fix installation.

Sample Entries in **env.properties** as given below:

Figure 2-1 Sample Entries

```
1 #Wed Mar 08 10:23:03 IST 2023
2 EXTERNAL_JSUIXML_REQUIRED=Y
3 JAVA_HOME=C:/Program Files/Java/jdk1.8.0_291
4 WEBLOGIC_HOME=C:/Oracle_infra/Middleware/Oracle_Home/wlserver
5 BUG_NUMBER=35077636
6 BUG_TABLE_NAME=CSTB_APPLIED_POINT_FIXES
7 SOURCE_PATH=C:/Work/SVN/POINTFIX/Dest/35077636
8 FCHome=C:/Work/SVN/FCIS_14.6.0.0.0
9 APPSERVER_HOME=C:/Oracle_infra/Middleware/Oracle_Home/wlserver
10 EBR_STAGE=PATCHSET_COMPILE
11 EBR_FLAG=Y
12 ORACLE_HOME=C:/app/ShilpaL/WINDOWS.X64_193000_client_home
13 SINGLE_FIX_SOURCE=Y
```

Users need existing working individual fix installer setup. Place the file **env.properties** under logs folder. Also, keep the file **silentConfigBuildSMS.properties** in the location as mentioned in the **env.properties**.

3

EBR Database setup

This topic provides information on EBR database setup.

This topic details about the Installer commands and Operational steps required to be done in the same order as specified to achieve EBR Database Compilation.

This topic consists the following sub-topics:

- [Stage 1: Patch Set Compile](#)
This topic provides information on patch set compile.
- [Stage 2: Edition Switch](#)
This topic provides information on edition of switch.
- [Stage 3: Base Compile](#)
This topic provides information on base compile.
- [Stage 4: Drop Patch Set Edition](#)
This topic provides information on drop patch set edition.

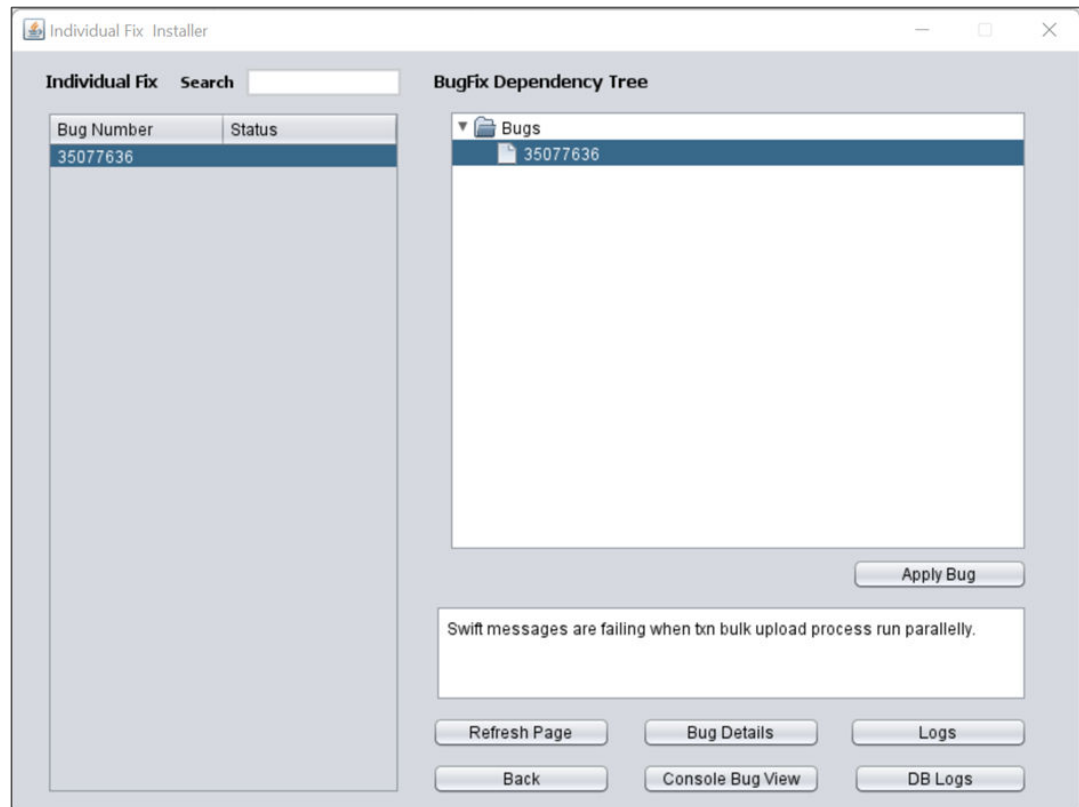
3.1 Stage 1: Patch Set Compile

This topic provides information on patch set compile.

Patch set compile is done using Individual fix Installer. Refer the installation document [Installation_of_Individual_Fixes.pdf](#)

1. Set the property EBR_STAGE as PATCHSET_COMPILE in **env.properties**.
2. On click of **Apply Bug** in the below screen, the individual fix will be deployed in the new Edition PS1.

The following screen will be displayed.

Figure 3-1 Bug Fix Dependency Tree

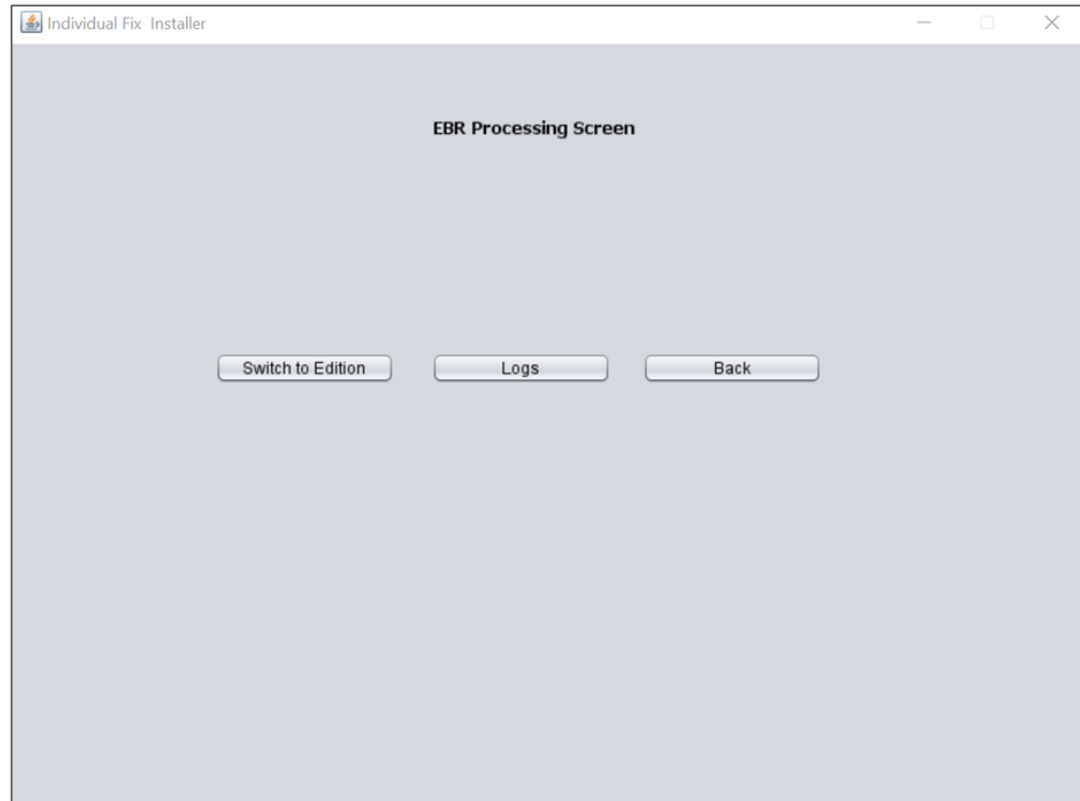
3.2 Stage 2: Edition Switch

This topic provides information on edition of switch.

Edition switch is done using Individual fix Installer. Refer the installation document [Installation_of_Individual_Fixes.pdf](#)

1. Set the property `EBR_STAGE` as `SWITCH_LOGON` in **env.properties**.
2. On click of **Switch to Edition** in the below screen, the DB will be ready for edition switch.

The following screen will be displayed.

Figure 3-2 EBR Processing Screen

3. On logging on to the DB connection, the session will switch to the new Edition PS1.

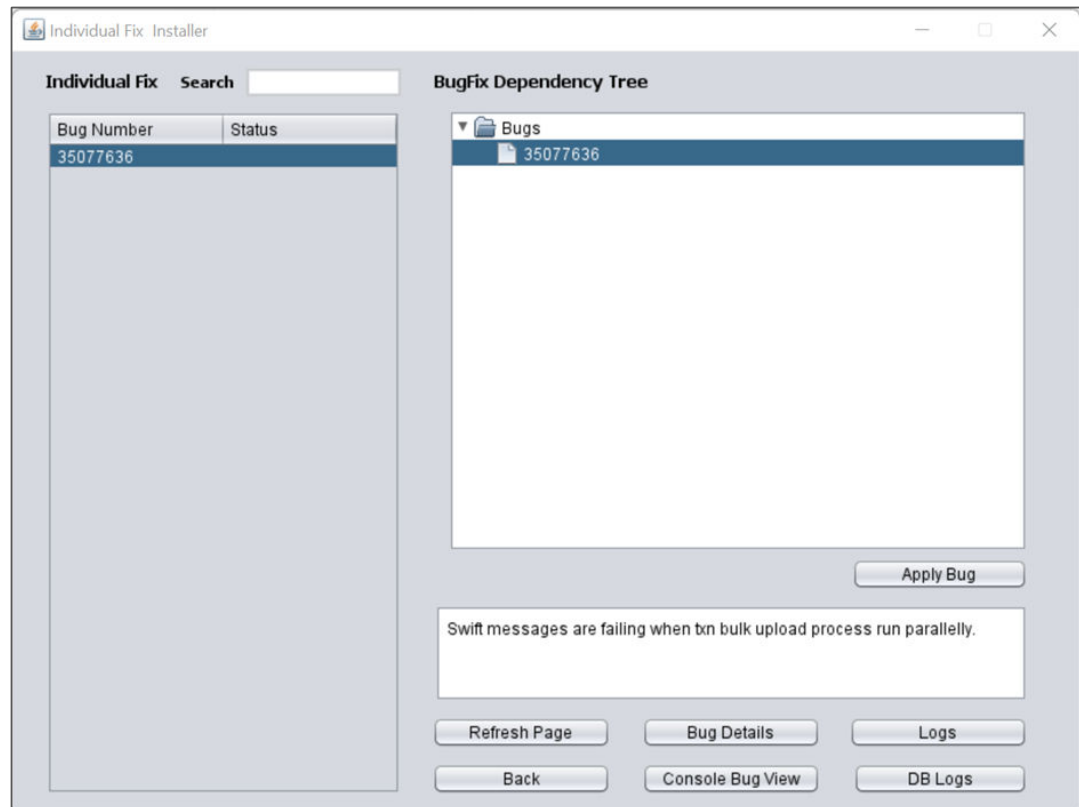
3.3 Stage 3: Base Compile

This topic provides information on base compile.

Base compile is done using Individual fix Installer. Refer the installation document [Installation_of_Individual_Fixes.pdf](#)

1. Set the property EBR_STAGE as BASE_COMPILE in **env.properties**.
2. On click of **Apply Bug** in the below screen, the individual fix will be deployed in the base edition **ORA\$BASE**.

The following screen will be displayed.

Figure 3-3 Bug Fix Dependency Tree

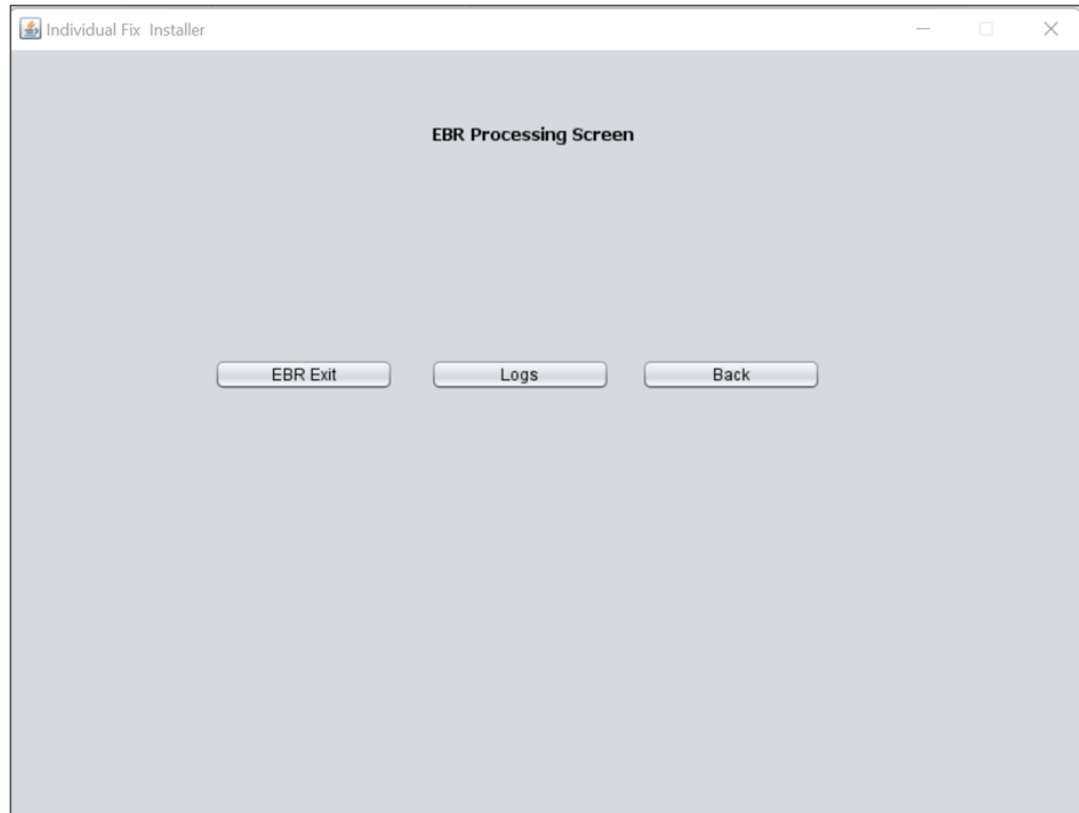
3.4 Stage 4: Drop Patch Set Edition

This topic provides information on drop patch set edition.

Drop patch set edition is done using Individual fix Installer. Refer the installation document [Installation_of_Individual_Fixes.pdf](#)

1. Set the property `EBR_STAGE` as `EBR_EXIT` in **env.properties**.
2. On click of **EBR exit** in the below screen, will ensure that the Patch Set Edition PS1 is dropped. On completion of this stage, DB will be connecting to base edition.

The following screen will be displayed.

Figure 3-4 EBR Processing Screen**Note**

- For all the above stages, set the property `SINGLE_FIX_SOURCE` as 'Y'.
- Stage-wise progress can be tracked using the table `STTB_EBR_TBL`.

4

Operational Issues and Troubleshoot

This topic provides information on operational issues and troubleshooting.

Patch set edition will not be dropped, if there are active connections to the schema pointing to Patch set Edition.

Exception in dropping edition java.sql.SQLException: ORA-38805: edition is in use

Clear such sessions and process Stage 4 again to get the Patch set Edition dropped.

Below query would help to list all editions in the Schema. At the end of process, only Base Edition should be present.

*Select * FROM all_editions*