Oracle FLEXCUBE 11.6.0.0.0

Release Notes

Release 11.6.0.0.0

[October] [2015]

ORACLE

Oracle Financial Services Software Limited

Oracle Park

Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India
Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
www.oracle.com/financialservices/

Copyright © [year of first release], [Year latest product version was released], Oracle and/or its affiliates. All rights reserved.

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

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are “commercial computer software” pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. 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 failsafe, 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.

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.

This software or hardware and documentation may provide access to or information on 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. 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.

Table of Contents

Preface 1
Intended Audience 1
Documentation Accessibility 1
Access to OFSS Support 1
Related Information Sources 1
Background 2
Environment Details 2
Third Party Software 3
Release Highlights 3
Fixed Issues 5
Issues with Third Party Software NA 5
Product Documentation 5
Release Contents 6
Glossary 7

Preface

Intended Audience

This Release Note is intended for the following audience:

- Development Managers
- QA team
- Product management Group

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 OFSS Support

https://support.us.oracle.com/

Related Information Sources

For more information on Oracle FLEXCUBE 11.6.0.0.0, please refer to the following documents:

- Oracle FLEXCUBE 11.6.0.0.0 User Manuals
- Oracle FLEXCUBE 11.6.0.0.0 Installation Manuals

Background

This document highlights the features that are being developed, qualified and released with Oracle FLEXCUBE 11.6.0.0.0 release. The base version for this release is Oracle FLEXCUBE 11.5.0.0.0

The document provides specific details on the environmental software used for the Integration Testing. The details covered in this document are – background of the current project, key release highlights & external deliverables (s/w components and accompanying documents).

Environment Details

The hardware/software environment / configuration used during the system testing of Oracle FLEXCUBE 11.6.0.0.0 release is as follows:

Host:

- **Application server**
  - Oracle Weblogic Server 11g R1 (10.3.6)
    - Oracle Linux 6.4
    - JAVA jdk1.7.0_45
    - Open Symphony Quartz 1.6.6
    - Oracle WebCenter Content Imaging 11.1.1.7.0

- **Host Database**
  - Oracle Database 12c Enterprise Edition Release 12.1.0.2.0
    - Oracle Linux 6.4

- **Integration Server**
  - Apache Ant 1.8.4
    - Windows 2008 R2 Enterprise Edition 64 Bit

Branch:

- Branch Server Windows 2012 R2 Standard Edition 64 Bit
- Microsoft IIS 8.0

  OR
- Branch Server Windows 2008 R2 Enterprise Edition 64 Bit
- Microsoft IIS 7.0

- Oracle Client 11.2.0.1.0 (32-bit)
- MS debug Viewer 4.71
- Microsoft MSXML version 4.0 SP 3

Client Machines:

- **Operating System**
  - Windows 7
- **Browsers**
  - Internet Explorer 8.0 / Internet Explorer 9.0/Internet Explorer 10.0/Internet Explorer 11.0

Report Server

- Oracle BI Publisher 11.1.1.7.0
  - Oracle Linux 6.4

Third Party Software

Please refer the Licensing Guide for further reference.

Release Highlights

Following are the key items included in the scope of this release

Aadhaar Based Payments

Customer can link her Aadhaar Number to the preferred CASA account. System has the capability to extract this mapping and send it to NPCI for their central repository. All Direct Benefit Transfer of subsidy schemes are supported via Aadhaar based payments. These are bulk payments done via GEFU uploads, file formats and setup for maintaining the GLs are supported out of box. Further, support is available for features required from a Sponsor Bank point of view. For example, if HPCL wants to disburse LPG subsidy, they can do so via any bank.

Immediate Payment Service

Immediate Payment Service (IMPS) is an immediate payment service which is available 24*7 and operated by NPCI. FLEXCUBE supports creation of MMID for receivers who want to receive funds via IMPS using only MMID + Mobile Number combination to identify an account. End-to-end support is available for IMPS wherein, transaction processing, message building (ISO 8583), network management and communication (TCP based socket connection). All the modes of transactions are supported, namely P2P (MMID based), P2A (IFSC + Account based), P2U (Aadhaar Number based), P2M (Merchant Payments) and P2M Pull (Pull based merchant payments).

ICC/OCC

Support for Outstation Cheques for Collection is built into the release. This includes support for Correspondent Bank based clearing. Ability to set-up Service Charge for such clearing as it will involve physical movement of the instruments. Also, as per the regulations system will calculate the interest to be given to the customer in case of any delays in the clearing process.

Cardless Cash Withdrawal

New transactions have been built to create a Cardless Cash Withdrawal and do remittance. A customer can either visit a branch or using any self-service channel can create a cardless cash withdrawal by debiting her account. On successful completion of the transaction, a reference number will be generated and a withdrawal PIN will be sent to the beneficiary as an SMS alert. The beneficiary can then withdraw the amount from the branch or ATM using the Reference Number and the withdrawal PIN.

Transaction Tagging

Customers can now tag their credit transactions and then retrieve them on need basis. For example a house owner can tag all the rent receipts so that at the end of the year, he can collate all such transactions for income reporting. Customers can define their custom tags and use the same to tag transactions.

Spend Analysis

Spend Analysis is further enhanced in this release to provide sub-classes. For example if there is a spend class for Utility Payments, the customers can then create sub-classes under this as Phone, Electricity, Water, Gas, etc. Also, if the customer has withdrawn bulk amount from ATM, system will classify this transaction as Cash. This the customer can the split into multiple transactions and assign a spend class for each component.

Customer Conversations

Conversation logging will be done for tracking has been enhanced to provide a more comprehensive workflow to the bank users. Further, the conversation log is now visible as a mail chain, which helps in better tracking of the issues.

Goal Accounts

To promote more savings, goal based savings accounts are available in the current release. Goal Based Account products are designed as a special class of Savings Account. The transactions on these accounts are restricted, for example, clearing transactions are not available. The customers can set up a tentative goal maturity date and provide instruction for auto-closure of the account.

Integration with DMS (Data Management System)

API based integration with a DMS is built in this release. All customer KYC related documents (images) can be stored, viewed and retrieved using these APIs. Further, there is an option available to store all the periodic statements in the DMS repository and in case a customer requests for a duplicate copy, the same can be retrieved from DMS. Statement download is available as a separate transaction with the capability to charge the customers based on the rules setup.

KYC Compliance

The regulatory requirements for following the KYC norms are supported with this release. The bank user can define what documents are required for each customer type and also the accounts being opened. For example, a no-frills account will not require a proof of address, this is configurable in the system. Further the banks can setup the review period for submission of documents and in case the customer fails to submit the KYC documents, the accounts of the customer will be blocked. This is also a configurable behavior and regular alerts sent to customers who are non-compliant.

Classification of Restructured Loans

As per the IRAC norms published by RBI, any loan that is getting re-structured should continue with the same CRR post restructure. This CRR will continue for a specific review period (typically 6 months), post which the system will again re-calculate the CRR as per the rules defined.

Loans Insurance Premium

Typically when a customer goes for a housing loan, there is an insurance policy linked with this housing loan. FLEXCUBE now supports to link the insurance at the time of disbursement. The premium calculation is setup as part of the Insurance Master Maintenance; the options available are as percentage

of outstanding principal, loan amount or sanctioned amount. Also, there is an option to provide for a user defined amount. Based on the premium frequency, provision to collect the premium amount along with the regular installment payment is available.

Flexible RD

With RBI relaxing the norms for Recurring Deposits, banks can now offer Flexible RDs to the customers. FLEXCUBE supports configuration and servicing for flexible RDs as part of this release. The customer has the option to pay additional amount (apart from the regular installments) subject to certain restrictions. These restrictions are pertaining to the flexible amount that can be paid in a particular period. Users can set the per transaction maximum flexible amount and also the total flexible amount that can be paid in the particular period.

AML Integration

Interface between FLEXCUBE and OFSAA for data handoff to OFSAA is now available as part of this release. Frequency based extracts for entities like Customer, CASA, Loans, TD and the Transactions done for all these entities.

Insulation Layer

To support co-existence of FLEXCUBE and Legacy CBS during upgrades/migration an insulation layer is provided. This is an extensible layer which supports rule based routines to classify accounts, customers and branches into legacy and FLEXCUBE for routing of transactions. Support available for Branch Transactions, ATM/POS transactions, GEFU and Clearing.

Agriculture Loans

Oracle FLEXCUBE 11.6.0.0.0 supports all the agri-loan products as mandated by regulations. Support includes ability to offer and service various agriculture loan products and additional features like interest subvention which is the Government Subsidy. The module is designed to support a different kind of repayment schedule (DND – March-September) which is linked to the crop-cycles. Apart from this, all agri-loans are either linked to PAIS or RKBY insurance schemes as per the regulations.

Fixed Issues

2 rounds of IT were conducted for Oracle FLEXCUBE 11.6.0.0.0 and all issues observed were fixed as per the exit criteria.

Issues with Third Party Software

NA

Product Documentation

The documentation for this release primarily includes the following

User Manuals
Installation Manuals

The OTN link for the same is as given below

http://www.oracle.com/technetwork/indexes/documentation/fsgbu-1364781.html

Release Contents

The CRC for the list of software components that forms a part of this release is attached below

CRC.zip

Note: This release has two media packs and both are required.

1. Oracle_FLEXCUBE_Universal_Banking_11.6.0.0.0 (V46651-01.zip)
2. Oracle_FLEXCUBE_Core_Banking_11.6.0.0.0 (V46652-01.zip)

Operating System mentioned in the Environment details reflects the OS used as part of testing.

Other OS supported is as given below

Linux x86-64

Microsoft Windows x64 (64-bit)

Oracle Solaris on SPARC(64-bit)

Glossary

Abbreviation	Expansion
FC Core	Oracle FLEXCUBE Core Banking
FCUBS	Oracle FLEXCUBE Universal Banking
SMS	Security Management System
IBAN	International Bank Account Number
API	Application Programming Interface
SHA	Secure Hash Algorithm
OTN	Oracle Technology Network
CRC	Cyclic Redundancy Check
CSS	Cascaded Style Sheets
NPA	Non-Performing Assets
SCM	Software Configuration Management
ST	System Testing
IT	Integration Testing
UT	Unit Testing
MQ	Message Queue
JDBC	Java Database Connectivity