

Product Release Notes
Oracle FLEXCUBE Private Banking
Release 12.1.0.0.0
[April] [2016]



Table of Contents

1.	INTRODUCTION	1-1
1.1	PURPOSE.....	1-1
1.2	BACKGROUND/ENVIRONMENT	1-1
1.3	THIRD PARTY SOFTWARE DETAILS	1-2
1.4	RELEASE CONTENTS	1-4
1.5	PRODUCT DOCUMENTATION.....	1-5
2.	COMPONENTS OF THE RELEASE	2-1
2.1	DOCUMENTS ACCOMPANYING THE SOFTWARE.....	2-1
2.2	SOFTWARE COMPONENTS.....	2-1

1. Introduction

1.1 Purpose

Purpose of this Release Note is to highlight the components in this release of Oracle FLEXCUBE Private Banking 12.1.0.0.0

1.2 Background/Environment

Oracle FLEXCUBE Private Banking [FCPB] is a comprehensive tool that provides a single platform to record, track and manage the overall wealth of a customer, across a range of asset classes and instruments including Equity, Fixed Income, Mutual funds, Insurance, Real Estate, Collectibles like art, structured products, and so on.

The system is web-enabled and provides seamless access both to the customers as well as Relationship Managers and other staff. It has an open architecture to interface with multiple product processors that individually handle the respective products. Customers can be profiled and recommended model asset allocations based on risk profile, as well as research-based individual investment recommendations.

FCPB Release 12.1.0.0.0 is qualified on Oracle 12c Databases with web-application deployment on IBM Websphere 8.5.5.6 and Oracle WebLogic 12c application servers. The environment details on which the release is built is summarized in the table below:

Component	Deployment Option	Machine	Operating System	Software	Version
Oracle FLEXCUBE Private Banking	Oracle FLEXCUBE Private Banking	Application server	Linux Server 6.6 (x86 64 Bit)	Oracle WebLogic Server 12C (JDK 1.7 Update 80)	12.1.3.0.0
				Java HotSpot(TM) JDK (with WebLogic Application Server)	JDK 1.7 Update 80

Component	Deployment Option	Machine	Operating System	Software	Version
				IBM Websphere Application Server (With inbuilt JVM (IBM))	8.5.5.6
				IBM Websphere MQ Server	8.0.0.2
		Database Server	Linux Server 6.6 (x86 64 Bit)	Oracle 12c RDBMS Enterprise Edition	12.1.0.2.0
		Reporting Server		Oracle BI Publisher	11.1.1.7.0
		Client Machines	Windows XP SP3/	Internet Explorer	11
				Chrome	44.0.2403.155
			Windows 7	Safari	5.1.7
				Opera	31.0.1889.174
				Mozilla Firefox	34.0.5

1.3 Third Party Software Details

Vendor Name	Licensed Technology	Version
Apache	Commons IO	2.2
Apache	Commons NET Library (FTP)	3.3
Apache	Jakarta Commons Collections	3.2
Apache	Jakarta Commons Lang	3.1
Apache	Log4J	1.2.17
Apache	Velocity	1.7
Apache	cglib	2.1.3
Apache	commons-logging	1.1.1

Apache	dbcp (commons-dbcp-1.2.1.jar)	1.2.1
Apache	Xwork	2.3.20
Emory University	backport-util-concurrent	3.1
Mort Bay Consulting	Jetty	9.2.0
Jfree.org	JFreeChart	1.0.14
Joda.org	Joda Time	1.5.2
Terracotta, Inc.	Ehcache	1.2.4
The Apache Software Foundation	Commons HttpClient	3.1
OpenSymphony	Object-Graph Navigation Language (OGNL)	3.0.6
OpenSymphony	Quartz Enterprise Job Scheduler (quartz-all-1.6.0.jar)	1.6.0
Prototype Core Team	Prototype JS Library	1.6.0.3
SpringSource	Spring Security	3.2 - Copy of 16192
VMware	Spring Framework	4.0.4 (copy of 17651)
directwebremoting.org	DWR	2.0.1
Script.aculo.u	Script.aculo.us	1.9.0
VMware	spring-integration	2.0.5
java.net	spring-modules-cache	0.8.a
Apache	Tika	1.2
VMware	Spring Batch	2.1.8.RELEASE
The Apache Software Foundation	Struts core/spring-plugin	2.3.20
The Apache Software Foundation	Struts	2.3.20
Julius Davies	not-yet-commons-ssl	0.3.10
OpenSymphony	sitemesh	2.4.2
Webtoolkit	Webtoolkit-JavaScript(Sha2.js)	
Dynamic Drive	tabcontent.js	2
Prototype window	Window.js	1.3
Eclipse link	Eclipse link	2.5.2
Eclipse Foundation	AspectJ	1.5.3

1.4 Release Contents

Forward porting - Retrofit of 12.0.1 HDFC functionality + 12.0.3 UI Fixes + 12.0.3 SCB Demo Fixes into 12.1+12.1+Joint Holder Toggle View+IRIS Master Changes+MF Order Capture Validations
Relationship file interfacing with FC
Joint Customer Portfolio Display
TD Transaction interfacing with FC
RD transaction interfacing with FC
Insta Customer interfacing with FC
Debit and Credit interfacing with FC
Bulk delete of transactions
Online balance fetch from FC
Performance improvement changes
Kavy File Processing changes
CAMS File processing changes
portfolio Maintenance Changes
Reference Data interfacing with FC
SI Maintenance changes
Security Requirement
PASSWORD HASH NEEDS TO BE DE-OPTIMIZED
FCPB DEFAULT ADMIN USER PASSWORD CHANGES
MOVEMENT TO AES AND JCE FOR HASHING
MULTIPLE COMMENTS OBSERVED IN HTTP RESPONSES IN PAGES SERVED TO END USER
SENSITIVE INFORMATION IN BROWSER HISTORY(GET REQUEST)-GET REQUEST CHANGED TO POST
PASSWORD ENCRYPTION USING CERTIFICATE WHILE SENDING TO SERVER
EVAL FUNCTION -Params passed in EVAL function are validated
Hibernate to Toplink migration
Removed Hibernate related jars from classpath and put Eclipselink jar.
Removed/Replaced code lines which was using hibernate related classes to Eclipselink specific classes
Changing Sequence Generator for generating primary key of entities
Changed all Named parameter to index parameter in Native Query
Removed default version id from entities used to check optimistic lock

Changed IN parameter syntax in all corresponding JPQL queries
Changed Delete Orphan from Hibernate to orphanRemoval = true in eclipselink
Changed all index parameter in JPQL, earlier index was starting from zero and now in eclipse link index will start from one
Added @Temporal annotations for date and timestamp for all fields of then entities where it was missing.

1.5 **Product Documentation**

Oracle FLEXCUBE Private Banking [FCPB] is a comprehensive tool that provides a single platform to record, track and manage the overall wealth of a customer, across a range of asset classes and instruments including Equity, Fixed Income, Mutual funds, Insurance, Real Estate, Collectibles like Art, structured products, and so on.

2. Components of the Release

2.1 Documents accompanying the software

- Release Note
- Installation Manuals
- User Manuals

Note:

User Manuals and Installation Guide – This can be accessed from http://docs.oracle.com/cd/E67273_01/homepage.htm .

2.2 Software Components

Software Components of FCPB product that form part of this release are as follows

- Java files (.class)
- Configuration files (.xml, .properties)
- Web files (.jsp, .js, .css, .gif, .html)
- Backend scripts and procedures (.sql)
- Report Files (.rtf, .xdo, .xdm, .meta)



Product Release Note
[April] [2016] Release 12.1.0.0.0

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 ©– [2006], [2014], 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.