

Patch Release Notes
Oracle FLEXCUBE Universal Banking
Release 14.7.2.0.0
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ORACLE
Financial Services

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1. Release Notes

1.1 **Background**

Oracle Financial Services Software Limited has developed Oracle FLEXCUBE Universal Banking, which enable banks to create a distributed network of branches for effective marketing and efficient handling of customer transactions.

1.2 **Purpose**

The purpose of this Release Note is to propagate the enhancements in Oracle FLEXCUBE Universal Banking 14.7.2.0.0.

A patch release is an official Oracle patch release for Oracle FLEXCUBE Universal Banking. The fourth & fifth digit in a patch release string indicates the patch release number. The first three digits indicate the release to which the patch is applied. For example, release 14.7.2.0.0 is the first patch for Release 14.7.0.0.0 each patch release includes libraries and files that have been rebuilt to implement one or more fixes. Each patch release is incremental. In other words, the latest patch release includes new fixes released after last patch released for the same release.

1.3 **Patch Requirements**

Customers installing this release should refer to 14.6_Patchset_Deployment_Guidelines.docx and 14.7.2.0.0 Java Services Deployment Guidelines.docx included in the Patch Release zip file. Confirm this patch release applied after applications of previous patch releases up to 14.7.0.0.0 completed successfully.

1.4 **Applying the Patch Release**

Customers installing this patch release should refer to the "Installation Guide" chapter in the Oracle FLEXCUBE Universal Banking Release 14.7 Install and Upgrade Guide, which is available here:

https://docs.oracle.com/cd/F72109_01/install.htm

Customers installing this patch release should refer to the Readme, Patch set and Java Services deployment guides included in the Patch Release zip file

1.5 **Release Highlights**

The rationale for the product release of Oracle FLEXCUBE Universal Banking version 14.7.2.0.0 is to support regulatory requirement and enhance features that are essential in competitive market.

Following are the features included in the release along with forward porting of applicable fixes related to the incidences reported in previous versions and technical qualification to comply with approved Tech Stack.

- Technical changes to product
- AI/ML Use Cases using Framework Mode
- Synchronous Replication of Limit Details
- Generic Interface Batch Movement from FLEXCUBE to Common Core
- Amendment of deposit amounts and instalment frequencies for active Recurring Deposits
- Redwood Adoption Usability Improvements
- Liquidation based on Account Opening
- Interest Statement with additional information
- Latin America Localization Feature Enhancements

1.5.1 Technical changes to product

- Multiple changes are introduced as part of quality improvement and support of the product processors.
 - Issues Resolved: Please refer FLEXCUBE bug lists which has been appended with the new bugs for the overview of the bugs which were addressed part of this release.
 - Forward Porting has been applied to manage the solutions provided against CCB and other customer request/concerns.
 - Changes to Common Core modules are introduced where impacts for the CORE modules are originating from FLEXCUBE and other product processors.

1.5.2 AI/ML Use Cases using Framework Mode

- The Customer Classification Use Case is made available to demonstrate the capability of AI/ML framework in Oracle FLEXCUBE and to find out the probability of Customer attrition in a bank. This use case helps in identifying customers who have a high probability of disassociating with the bank. The use case that can predict the probability of defaulting on loan payments is already available.

1.5.3 Synchronous Replication of Limit Details

- Product has been enhanced to execute synchronous replication of local utilization information to from the product to Oracle Enterprise Local Collateral Management product processor (ELCM).
- The replication will be driven based on the source code maintenance and the asynchronous mode of replication will be the default value with error handling checks in place. This feature is available for co-deployed setup.

1.5.4 Generic Interface Batch Movement from FLEXCUBE to Common Core

- Movement of Generic Interfaces batches code from product to Common Core has been done, to improve the handle during overnight process (End Of Day operations) in case of Standalone deployment of other Product processors

1.5.5 Amendment of active deposit account parameters

- Amendment of deposit amounts and installment frequencies for active Recurring Deposits has been introduced to enable flexibility in recurring deposit accounts. Based on the change system would do the recalculation of account's maturity returns.

1.5.6 Redwood Adoption Usability Improvements

- Oracle FLEXCUBE Universal Banking had adopted the Redwood User interface for application look and feel in the previous patch set. In this patch set, we have made few enhancements and improvements on the usability and aesthetics.

1.5.7 Liquidation based on Account Opening

- Feature to enable liquidation based on account opening at IC product level for periodic liquidation at account level to happen on respective account opening date.

1.5.8 Interest Statement with additional information

- Provision to capture additional elements to accommodate more information for the Interest statements generation.

1.5.9 Latin America Localization Feature Enhancements

- Following features are introduced in the LATAM localisation pack.
 - Principal Readjustment
 - Interest Readjustment
 - Messages to be Generated for Readjustable Accounts
 - Handling of Readjustment in Customer Correspondences
 - Modification in handling Interest Accruals
 - In-sequential payment in stop accrual status

2. Deprecated Features

NA

3. Components of the Software

- For information on the Components of the Software, refer Oracle FLEXCUBE Universal Banking 14.7.0.0.0 release notes section 3.

4. Tech Stack

Component	Deployment option	Machine	Operating System	Software	Version Number		
Oracle FLEXCUBE Universal Banking	UI-Host and Centralized	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.1.0.0		
				Java HotSpot(TM) JDK (with WebLogic Application Server)	11.0.16		
				Open Symphony Quartz	2.4.0		
		Client Machines <i>Important - Browser Support is strictly tied to the Browser itself , and no longer based on the Operating System.</i>	Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle Database 19c Enterprise Edition Release		19.20.0.0.0
					Mozilla Firefox		102+
					Microsoft Edge		107+
					Safari		15+
Google Chrome		107+					
Oracle FLEXCUBE Universal Banking Integration Gateway	Web services (incoming)	Integration Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.1.0.0		
	HTTP Servlet (incoming)						
	EJB (incoming)						
	MDB (incoming)						
	Notifications (outgoing)						
Oracle FLEXCUBE Universal Banking Switch Integration Gateway	Switch Integration Gateway	Integration Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	JDK	11.0.16		
Oracle FLEXCUBE Universal Banking REST Services	Web services	Integration Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	JDK	11.0.16		
				Oracle WebLogic Server	14.1.1.0.0		
				Oracle Toplink	14.1.1.0.0		
Oracle FLEXCUBE Machine Learning	Centralized	Machine Learning Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	OML4R (Previously Oracle R Enterprise)	1.5.1		

Oracle FLEXCUBE Oracle Digital Assistant Integration	Centralized	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	oda-native-client-sdk-js	20.3.1
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5. Third Party Software Details

- For information on the third-party software details, refer Oracle FLEXCUBE Universal Banking 14.7.1.0.0 License Guide



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