

# Oracle® Banking Branch Replication Guide



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## Purpose

This guide helps you familiarize yourself with the replication from the FLEXCUBE Universal Banking to the Oracle Banking Microservices Architecture products.

## Audience

This document is intended for the Implementation Team or ops-web team who are responsible for installing the banking products of Oracle Financial Services Software Limited.

## 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 [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 [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                                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>boldface</b>        | 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.                          |
| <code>monospace</code> | Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter. |

## Related Resources

The related documents in the FLEXCUBE Universal Banking Documentation Library are as follows:

- *Common Core - Scheduler User Guide*
- *Oracle FLEXCUBE UBS - Common Core Integration*
- *Oracle FLEXCUBE UBS - Common Core - OBMA Core Integration*

The related documents in the Oracle Banking Branch Documentation Library are as follows:

- *Routing Hub Configuration User Guide*

# 1

## High-Level Components

FLEXCUBE Universal Banking is a host system that replicates the data to the common core of Oracle Banking Microservices Architecture.

The entities maintained in the core of the Oracle Open Development Tools are replicated to the common core of Oracle Banking Microservices Architecture. Following core entities are replicated from the FLEXCUBE Universal Banking to the common core of Oracle Banking Microservices Architecture:

- Customer
- Account
- External Chart of Accounts
- Transaction Code
- Deposit Accounts

Following core entities are replicated from the common core of FLEXCUBE Universal Banking to the common core of Oracle Banking Microservices Architecture:

- Exchange Rates
- Currency Holiday Maintenance
- Local Holidays
- Currency Pair
- Currency Rate Type
- Currency Definition
- Core Branch Parameter Maintenance

The components of the replication process are as follows:

**Table 1-1 Components of Replication Process**

| Component                            | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FLEXCUBE Universal Banking Scheduler | <p>The scheduler is used to integrate with other software systems to execute or notify other software components when a pre-determined, scheduled time arrives.</p> <p>It is used to replicate the date from the host system to the common core of Oracle Banking Microservices Architecture. For information on the scheduler, refer to the <i>Common Core - Scheduler User Guide</i> and <i>Oracle FLEXCUBE UBS - Common Core - OBMA Core Integration</i> guide in the FLEXCUBE Universal Banking Documentation Library.</p> |
| Oracle Banking Routing Hub           | <p>Oracle Banking Routing Hub enables seamless and standardized integrations between Oracle Banking Microservices Architecture products using configurations provided as part of the product infrastructure. For information on the Oracle Banking Routing Hub, refer to the <i>Routing Hub Configuration User Guide</i>.</p>                                                                                                                                                                                                  |

**Table 1-1 (Cont.) Components of Replication Process**

| Component                                 | Description                                                                                                                                                                                                                                                        |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oracle Banking Microservices Architecture | For information on the integration of FLEXCUBE Universal Banking with the Oracle Banking Microservices Architecture, refer to the <i>Oracle FLEXCUBE UBS - Common Core Integration</i> and <i>Oracle FLEXCUBE UBS - Common Core - OBMA Core Integration</i> guide. |