Oracle® Banking Virtual Account Management

Installation Guide

Release 14.8.0.0.0
G29417-02
April 2025

Oracle Banking Virtual Account Management Installation Guide, Release 14.8.0.0.0

G29417-02

Contents

Preface

Purpose

This guide helps to install the Oracle Banking Virtual Account Management services on designated environment. It is assumed that all the prior setup is already done related with WebLogic installation, WebLogic managed server creation and Oracle DB installation.

> **Note:**
>
> For the exact version to be installed, refer to **Software Prerequisites** section in **Release Notes**.

Audience

This guide is intended for WebLogic admin or ops-web team who are responsible for installing the OFSS banking products.

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.

Related Resources

The related documents are as follows:

- *Oracle Banking Microservices Platform Foundation Installation Guide*
- *Oracle Banking Virtual Account Management Pre-Installation Guide*
- *Configuration and Deployment Guide*

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.
italic	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.

Acronyms and Abbreviations

The list of acronyms and abbreviations that are used in this guide are as follows:

Table 1 Acronyms and Abbreviations

Abbreviation	Description
CMC	Common Core
EOD	End of Day
LDAP	Lightweight Directory Access Protocol

Table 1 (Cont.) Acronyms and Abbreviations

Abbreviation	Description
SMS	Security Management System

Organization

This guide allows to install the following services in same order:

- OBVAM-ACCOUNT-SERVICES
- OBVAM-CORE-SERVICES
- OBVAM-ECA-SERVICES
- OBVAM-ENTITY-SERVICES
- OBVAM-IEP-SERVICES
- OBVAM-EXTERNAL-DDA-SERVICES
- OBVAM-IDENTIFIER-SERVICES
- OBVAM-INTERNAL-TRANSFER-SERVICES
- OBVAM-STATEMENT-SERVICES
- OBVAM-STMT-ENT-ADAPTER
- OBVAM-TRANSACTION-JOURNAL-SERVICES
- EXTERNAL-LIQUIDITY-MANAGEMENT-SERVICE
- EXTERNAL-INTEREST-ENGINE-SERVICE
- OBVAM-PROJECTION-SERVICES
- VAMLM-CHARGE-SERVICES

User Interface

Follow the below steps to migrate from existing app-shell build to Foundation app-shell. The UI war is split into individual component server war files. All the component server war files should be deployed in the same managed server.

For Common Core components server, deploy the war files mentioned below:

- app-shell
- cmc-component-server
- moc-component-server
- sms-component-server

For Domain Specific component server, deploy the war file mentioned below:

- obvam-component-server
- obvamlm-component-server

1

Database Setup

This topic describes the database setup for Oracle Banking Virtual Account Management Installation.

It is recommended to create a different schema for each application. The below setup is designed to work with the separate schema for each application.

Prerequisites

Before proceeding with the below setup, make sure that the required schemas are provided.

2
Product Installation Using Installer

This topic describes the information for Oracle Banking Virtual Account Management Installation using Installer.

Prerequisites

Before proceeding with the installation setup, make sure that the database installation is completed and the required schemas are created.

Installer Path

The following table provides the download path of the installer.

Table 2-1 Installer Path

Application	Archive Name	OSDC Path
OBMA Installer	obma.zip	INSTALLER/
OBVAM Installer	obvam.zip	INSTALLER/

> **Note:**
>
> To install the application using Installer, refer to **Oracle Banking Microservices Architecture Installer Guide**.

3
Domain Configuration

This topic describes the domain configuration for Oracle Banking Virtual Account Management.

Prerequisites

- The machine should have Java JDK is installed.
- Oracle Fusion Middleware has to be installed on the machine.

> **Note:**
>
> For the exact version to be installed, refer to the **Software Prerequisites** section in ***Release Notes***.

- Copy the below files from the OSDC path to <domain>/bin folder
  - pre_deployment_setup \ domain-config-deploy.env
  - pre_deployment_setup \ weblogic \ setUserOverrides.sh

> **Note:**
>
> For property values, refer to the **Annexure: domain-config-deploy.env** section in ***Oracle Banking Virtual Account Management Pre-Installation Guide***.

List of Domains

It is recommended to create separate domains for Oracle Banking Virtual Account Management applications.

- OBVAM Core Domain
- OBVAM Entities Domain
- OBVAM Inter Entity Positions Domain
- OBVAM Accounts Domain
- OBVAM Identifiers Domain
- OBVAM Transaction Journal Domain
- OBVAM Transaction Internal Booking Domain
- OBVAM DDA Domain
- OBVAM External Credit Assessment Domain
- OBVAM Statements Domain
- OBVAM Statements Entity Aggregator Domain
- OBVAM External Liquidity Management Domain

- OBVAM External Interest Engine Domain
- OBVAM Projection Server Domain
- OBVAM Appshell Domain
- VAMLM Charges Domain

> **Note:**
>
> For creating and configuring the domain, refer to the **Domain and Cluster Configuration** section in ***Configuration and Deployment Guide***.

4

Data Source Creation

This topic describes the data source creation for Oracle Banking Virtual Account Management Installation.

Prerequisites

Before proceeding with deployment setup, make sure that the database and application setup for Oracle Banking Microservices Architecture is done.

Data Sources List

The below lists of the data sources has to be created on each domain before deployment of the applications onto the managed servers.

Table 4-1 Data Sources List

Serial Number	Service Name	Data Source Name	Data Source JNDI	Targets
1	obvam-account-services	PLATO	jdbc/PLATO	Account Server
		CMC	jdbc/CMNCORE	
		PLATOBATCH	jdbc/PLATOBATCH	
		PLATOFEED	jdbc/PLATOFEED	
		PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	
		SMS	jdbc/sms	
		VAM	jdbc/VAM	
		VAMARCH	jdbc/VAM_ARCH	
		VAMPURGE	jdbc/VAM_PURGE	
		PLATOFDT	jdbc/PLATOFDT	
		PLATOARCH	jdbc/PLATOARCH	
2	obvam-core-services	PLATO	jdbc/PLATO	Core Server
		CMC	jdbc/CMNCORE	
		PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	
		SMS	jdbc/sms	
		VAC	jdbc/VAC	
		VACARCH	jdbc/VAC_ARCH	
		VACPURGE	jdbc/VAC_PURGE	
		PLATOFDT	jdbc/PLATOFDT	
		PLATOARCH	jdbc/PLATOARCH	
		PLATOBATCH	jdbc/PLATOBATCH	
3	obvam-eca-services	PLATO	jdbc/PLATO	ECA Server
		PLATOBATCH	jdbc/PLATOBATCH	
		PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	
		SMS	jdbc/sms	

Table 4-1 (Cont.) Data Sources List

Serial Number	Service Name	Data Source Name	Data Source JNDI	Targets
		VAB	jdbc/VAB	
		VABARCH	jdbc/VAB_ARCH	
		VABPURGE	jdbc/VAB_PURGE	
		PLATOFDT	jdbc/PLATOFDT	
		PLATOARCH	jdbc/PLATOARCH	
4	obvam-entity-services	PLATO	dbc/PLATO	Entity Server
		CMC	jdbc/CMNCORE	
		PLATOBATCH	jdbc/PLATOBATCH	
		PLATOFEED	jdbc/PLATOFEED	
		PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	
		SMS	jdbc/sms	
		VAE	jdbc/VAE	
		VAEARCH	jdbc/VAE_ARCH	
		VAEPURGE	jdbc/VAE_PURGE	
		PLATOFDT	jdbc/PLATOFDT	
		PLATOARCH	jdbc/PLATOARCH	
5	obvam-iep-services	PLATO	jdbc/PLATO	Inter Entity Positions Server
		PLATOBATCH	jdbc/PLATOBATCH	
		PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	
		SMS	jdbc/sms	
		VIE	jdbc/VIE	
6	obvam-external-dda-service	PLATO	jdbc/PLATO	External-DDA Server
		PLATOBATCH	jdbc/PLATOBATCH	
		PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	
		SMS	jdbc/sms	
		EDA	jdbc/EDA	
		EDAARCH	jdbc/EDA_ARCH	
		EDAPURGE	jdbc/EDA_PURGE	
		PLATOFDT	jdbc/PLATOFDT	
		PLATOARCH	jdbc/PLATOARCH	
7	obvam-identifier-services	PLATO	jdbc/PLATO	Identifier Server
		PLATOFEED	jdbc/PLATOFEED	
		PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	
		SMS	jdbc/sms	
		VAI	jdbc/VAI	
		VAIARCH	jdbc/VAI_ARCH	
		VAIPURGE	jdbc/VAI_PURGE	
		PLATOFDT	jdbc/PLATOFDT	
		PLATOARCH	jdbc/PLATOARCH	
		PLATOBATCH	jdbc/PLATOBATCH	

Table 4-1 (Cont.) Data Sources List

Serial Number	Service Name	Data Source Name	Data Source JNDI	Targets
8	obvam-internal-transfer-services	PLATO	jdbc/PLATO	Internal Transfer Server
		PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	
		SMS	jdbc/sms	
		VAN	jdbc/VAN	
		VANARCH	jdbc/VAN_ARCH	
		VANPURGE	jdbc/VAN_PURGE	
		PLATOFDT	jdbc/PLATOFDT	
		PLATOARCH	jdbc/PLATOARCH	
		PLATOBATCH	jdbc/PLATOBATCH	
9	obvam-statement-services	PLATO	jdbc/PLATO	Statement Server
		CMC	jdbc/CMNCORE	
		PLATOBATCH	jdbc/PLATOBATCH	
		PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	
		SMS	jdbc/sms	
		VAS	jdbc/VAS	
		PLATOREPORT	jdbc/REPORTSERVICE	
		VASARCH	jdbc/VAS_ARCH	
		VASPURGE	jdbc/VAS_PURGE	
		PLATOFDT	jdbc/PLATOFDT	
		PLATOARCH	jdbc/PLATOARCH	
10	transaction-journal-services	PLATO	jdbc/PLATO	Transaction Journal Server
		PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	
		SMS	jdbc/sms	
		VAT	jdbc/VAT	
		VATARCH	jdbc/VAT_ARCH	
		VATPURGE	jdbc/VAT_PURGE	
		PLATOFDT	jdbc/PLATOFDT	
		PLATOARCH	jdbc/PLATOARCH	
		PLATOBATCH	jdbc/PLATOBATCH	
11	external-liquidity-management-service services	PLATO	jdbc/PLATO	Liquidity Management Server
		PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	
		SMS	jdbc/sms	
		ELM	jdbc/ELM	
12	external-interest-engine-service services	PLATO	jdbc/PLATO	Interest Engine Server
		PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	
		SMS	jdbc/sms	
		EIE	jdbc/EIE	
13	obvam-projection-services	PLATO	jdbc/PLATO	Projection Server
		PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	
		SMS	jdbc/sms	
		VAP	jdbc/VAP	

Table 4-1 (Cont.) Data Sources List

Serial Number	Service Name	Data Source Name	Data Source JNDI	Targets
		VAPARCH	jdbc/VAP_ARCH	
		VAPPURGE	jdbc/VAP_PURGE	
		PLATOFDT	jdbc/PLATOFDT	
		PLATOARCH	jdbc/PLATOARCH	
		PLATOBATCH	jdbc/PLATOBATCH	
14	vamlm-charge-services	PLATO	jdbc/PLATO	Charges Server
		CMC	jdbc/CMNCORE	
		PLATOBATCH	jdbc/PLATOBATCH	
		PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	
		SMS	jdbc/sms	
		VAMLMCHG	jdbc/VAMLMCHG	
15	obvam-stmt-ent-adapter	PLATO	jdbc/PLATO	Statement Entity Adapter
		CMC	jdbc/CMNCORE	
		PLATO_UI_CONFIG	jdbc/PLATO_UI_CONFIG	
		SMS	jdbc/sms	
		VAS_DS	jdbc/VAS_DS	
16	App-shell UI	None	None	Appshell Server

Note:

For creating data source, refer to the **Create Datasource** section in ***Configuration and Deployment Guide***.

5
Deployments

This topic describes the deployments for Oracle Banking Virtual Account Management Installation.

Prerequisites

Before proceeding with the below setup, make sure that Kafka is configured and the related properties are present in the Oracle Banking Microservices Architecture schema.

To avail feature of record level approval functionality in Plato-Feed, the below property would need to be maintained as part of weblogic VM argument by each product domain including Oracle Banking Microservices Architecture . If not maintained, the default behavior will be of file level approval only.

Property name - feed.recordLevelApprovalReqd

Property value - true or false

Default value - false

Deployments List

The below table gives the details of the deployments required on each domain to run the Oracle Banking Virtual Account Management application. Deploy one after the other in the given order.

> **Note:**
>
> For the exact version of the archive name, refer to the OSDC file available as a part of the release.

Table 5-1 Deployments List

Application	Archive name	OSDC Path	Targets
OBVAM Account Services	obvam-account-services-{version}.war	`obvam_services/`	OBVAM Account Server
OBVAM Transaction Journal Services	obvam-transaction-journal-services-{version}.war	`obvam_services/`	OBVAM Transaction Journal Server
OBVAM Statement Services	obvam-statement-services-{version}.war	`obvam_services/`	OBVAM Statement Server
OBVAM Statement Entity Adapter	obvam-stmt-ent-adapter-{version}.war	`obvam_services/`	OBVAM Statement Server
OBVAM Internal Transfer Services	obvam-internal-transfer-services-{version}.war	`obvam_services/`	OBVAM internal Transfer Server
OBVAM External DDA Services	obvam-external-dda-services-{version}.war	`obvam_services/`	OBVAM External DDA Server

Table 5-1 (Cont.) Deployments List

Application	Archive name	OSDC Path	Targets
OBVAM External Credit Assessment and Block(ECA) Services	obvam-eca-services-{version}.war	obvam_services/	OBVAM ECA Server
OBVAM Core Services	obvam-core-services-{version}.war	obvam_services/	OBVAM Core Server
OBVAM Identifier Services	obvam-identifier-services-{version}.war	obvam_services/	OBVAM Identifier Server
OBVAM Entity Services	obvam-entity-services-{version}.war	obvam_services/	OBVAM Entity Server
OBVAM Inter Entity Positions Domain	obvam-iep-services-{version}.war	obvam_services/	OBVAM Inter Entity Positions Server
External Interest Engine Services	external-interest-engine-service-{version}.war	obvam_services/	OBVAM EIE Server
External Liquidity Management Services	external-liquidity-management-service-{version}.war	obvam_services/	OBVAM ELM Server
OBVAM Projection Services	obvam-projection-services-{version}.war	obvam_services/	OBVAM Projection Server
VAM LM Charge Services	vamlm-charge-services-{version}.war	obvam_services/	OBVAM Charge Server
OBVAM UI	app-shell-{version}.war cmc-component-server-{version}.war moc-component-server-{version}.war sms-component-server-{version}.war obvam-component-server-{version}.war obvamlm-component-server-{version}.war	ui/	OBVAM Appshell Server

> **Note:**
>
> To deploy the application, refer to the **Deploy Application** section in ***Configuration and Deployment Guide***.

Deployment Instruction for vamlm-charge-services:

vamlm-charge-services is the common service for Oracle Banking Virtual Account Management and Oracle Banking Liquidity Management. In a co-deployed situation, it must be deployed from only one of the packages.

Both the product packages contain the exact same version of this service. If you deploy it from the one of the product packages, then do not deploy it from the other one.

The value of deployment type in the property table is dependent on the type of deployment.

- If the deployment is standalone for Oracle Banking Virtual Account Management, the value should be **vamchg.**
- If the deployment is standalone for Oracle Banking Liquidity Management, the value should be **lmchg.**
- If the deployment is common for both the products, the value should be **codeployed.**

Deployment Instruction for obvamlm-component-server:

obvamlm-component-server is the common component server for Charges in Oracle Banking Virtual Account Management and Oracle Banking Liquidity Management. In a co-deployed situation, it should be deployed from only one of the packages.

Both the product packages contain the exact same version of this component server. If you deploy it from the one of the product packages, then do not deploy it from the other one.

6
Initial Setup

This topic describes the initial setup for Oracle Banking Virtual Account Management Installation.

Once everything is deployed, run the CMC and SMS initial setup scripts from the below OSDC path to create the required maintenances.

- `obvam_initial_setup / cmc_initial_setup.sql`
  To be compiled in Common Core schema
- `obvam_initial_setup / sms_initial_setup.sql`
  To be compiled in SMS schema

CMC Initial Setup

This script would prompt a user to enter the below values.

Table 6-1 CMC Initial Setup - Field Description

Serial Number	Field	Description
1	Bank Code	A four letter Bank Code
2	Bank Description	Description of the Bank Code
3	Branch Code	A three letter Branch Code
4	Branch Name	Name of the Branch
5	Branch Address Line 1	Address line 1 of the branch
6	Branch Address Line 2	Address line 2 of the branch
7	Branch Address Line 3	Address line 3 of the branch
8	Branch Currency	A three letter ISO Currency Code
9	Country Code	A two letter ISO Country Code
10	Walk-In Customer	Walk-in customer number
11	Host Code	Host code of the Branch
12	Host Description	Host code description
13	Host Process Time Zone	Host code time zone (GMT+5.30)
14	Source System	External source system
15	Source System Description	Source system description
16	Source System Branch	Branch code as in the source system
17	Previous Working Day	Previous working day of the Branch
18	Current Working Day	Current working day of the Branch
19	Next Working Day	Next working day of the Branch

SMS Initial Setup

This script would prompt the user to create two admin users.

Table 6-2 SMS Initial Setup - Field Description

Serial Number	Field	Description
1	User Login ID 1	Login ID of the first User
2	User Name 1	Name of the first User
3	User Login ID 2	Login ID of the second User
4	User Name 2	Name of the second User
5	Users Home Branch Code	A three letter Home-Branch Code of the users
6	Users Locale	Users locale (2 letter ISO country code)
7	Start Date	Start date
8	End Date	End date

These users are assigned the default ADMIN_ROLE, and the below functional activities are mapped.

1. SMS_FA_USER_NEW
2. SMS_FA_USER_AMEND
3. SMS_FA_USER_CLOSE
4. SMS_FA_USER_REOPEN
5. SMS_FA_USER_DELETE
6. SMS_FA_LOAN_DASHBOARD_PREFERENCE
7. SMS_FA_USER_VIEW
8. SMS_FA_USER_AUTHORIZE
9. SMS_FA_ROLE_NEW
10. SMS_FA_ROLE_AMEND
11. SMS_FA_ROLE_CLOSE
12. SMS_FA_ROLE_REOPEN
13. SMS_FA_ROLE_DELETE
14. SMS_FA_LOAN_DASHBOARD_PREFERENCE_PUT
15. SMS_FA_ROLE_VIEW
16. SMS_FA_ROLE_AUTHORIZE
17. SMS_FA_LOAN_DASHBOARD_VIEW
18. SMS_FA_APPLICATION_VIEW
19. SMS_FA_MENU_DASHBOARD_VIEW
20. CMC_FA_EXT_BRANCH_PARAMETERS_LOV
21. CMC_FA_EXT_BRANCH_PARAMETERS_VIEW
22. CMC_FA_EXT_BANK_PARAMETERS_VIEW
23. CMC_FA_EXT_BANK_PARAMETERS_LOV
24. CMC_FA_SYSTEM_DATES_VIEW
25. CMC_FA_CURRENCY_DEFN_VIEW

26. CMC_FA_LOCAL_HOLIDAY_VIEW
27. CMC_FA_LANGUAGE_CODE_VIEW

LDAP Setup

The users created using the SMS script must also be created in the LDAP server.

> **Note:**
>
> For LDAP setup, refer to ***Configuration and Deployment Guide***.

7

Restart and Refresh

This topic describes the procedure to restart and refresh the servers.

Once everything is deployed, restart all the managed servers. For each application, call path `/refresh` to refresh the configuration properties.

Restart Server

To restart the server, refer to **Restart Server** section in ***Configuration and Deployment Guide***

8
Workflow Setup

This topic describes the workflow setup for Oracle Banking Virtual Account Management Installation.

Conductor and Plato-Orchestrator Setup

For conductor and plato-orch-service setup, refer to the **Setup Conductor & Plato-Orchestrator** section in ***Oracle Banking Microservices Platform Foundation Installation Guide***.

Configuring Account Closure Workflows

The account closure workflows require manual configuration, which is a one-time activity. Two factory-shipped workflows are available for account closure: VirtualAccountClosure and VirtualAccountClosureSWF. These workflows must be created using the **Tasks > Business Process Maintenance** menu. For more information, refer to the OBMA Guide.

Workflow Overview

VirtualAccountClosure: :VirtualAccountclosure mainworkflow.JSON
This primary workflow is triggered upon batch execution. Each instance of this workflow is assigned a unique workflow ID, allowing for tracking and monitoring.

VirtualAccountClosureSWF:VirtualAccountClosure Subworkflow.JSON
This sub-workflow is initiated by the main workflow and primarily contains tasks related to internal and external integrations. Review this workflow according to available integrations, as it is also assigned a unique workflow ID for tracking purposes.

Key Points

- Manual configuration of workflows is required.
- Two factory-shipped workflows are:
  - **VirtualAccountClosure**
  - **VirtualAccountClosureSWF**
- Workflows can be created using the **Tasks > Business Process Maintenance** menu.
- Unique workflow IDs are assigned to each instance for tracking and monitoring.
- Review and configure the **VirtualAccountClosureSWF** sub-workflow according to available integrations.

Configuring Batch Jobs
Executing and Scheduling Jobs with Plato-Batch-Server

All jobs utilize the plato-batch-server for execution. Detailed guide can be accessed from *Oracle Banking Microservices Platform Foundation Installation Guide*. Pre-shipped jobs can be accessed and triggered on-demand through the **Task Management > Trigger Tasks** screen. However, certain jobs require scheduling from the **Task Management > Configure Tasks** screen. However, some jobs must be scheduled from the **Task Management > Configure Tasks** screen.

Follow the provided instructions to schedule jobs and ensure timely execution.

Configuration Requirements

1. **CRON Expression**: Users must configure the CRON expression, which determines the frequency of job execution. For example, 0 */10 * * * * indicates that the job will run every 10 minutes, every day.
2. **Task Trigger Name**: The task trigger name defaults as soon the **Task Name** is selected. However, it is recommended to assign a descriptive name, especially when providing extra trigger parameters for specific branches.
3. **Additional Trigger Parameters**: To enable branch-specific account closure, extra parameters must be provided in the **Additional Trigger Parameters** field. The supported format is key:::value. For instance, branchCode:::000;userId:::ADMINUSER1.
4. **Priority of Parameters**: The branchCode and userId in the **Additional Trigger Parameters** take precedence over default values.
    - **Default Values**: If branchCode and userId are not supplied in the **Additional Trigger Parameters**, default values from the **PROPERTIES** are used. Ensure that the following entries have valid user and branch code values, along with applicable roles to run the job:
        a. APPLICATION = "plato-batch-server", KEY = "batchServer.userId", VALUE = "<user-id>"
        b. APPLICATION = "plato-batch-server", KEY = "batchServer.branchCode", VALUE = "<branch-code>"
5. **Saving the Configuration**: Save the configuration, and the job will be scheduled according to the provided CRON expression.

Job Details

1. **Account Closure**
   Task Name : virtualAccountCloseJob
2. **Turn Over Balance**
   Task Name : turnOverBalanceUpdateJob
3. **Value Date Update**
   Task Name : valueDateUpdateJob
4. **Entity Positions Update**
   Task Name : entityPositionsUpdateJob

> **Note:**
>
> Postings on virtual accounts for which closure request is in progress is controlled through a non-mandatory header parameter “allowPosting” in Balance Transfer stage. The values to this can either be
>
> - Y – This indicates transaction postings are allowed.
> - N - This indicates transaction postings are not allowed.
>
> Once the latest subworkflow is registered, on triggering the "virtualAccountCloseJob", the workflow ID gets generated and the table VAM_TB_VA_CLOSURE_STATUS will be updated for the picked up virtual accounts (VA's with closure status as 'P') with the value (Y/N) that is defined in the subworkflow.

External Validation

External validation is done using Oracle Banking Payments. This has to be configured using Oracle Banking Routing Hub configuration files that are factory shipped.

EOD Workflow

EOD has two workflows that are factory shipped.

Refer to the ***EOD Configuration Guide*** and perform the setup.

9 Logging Area

This topic describes the logging area of Oracle Banking Virtual Account Management applications in the server.

The logging area is configurable. The user can configure any path within the server, where you want to write the Oracle Banking Virtual Account Management application logs. Oracle Banking Virtual Account Management applications write the logs in the configured path with the name: **<Application name>.logs**. For example, If the application name is **obvam-account-services**, then the logs file name would be **obvam-account-services.log**.

> **Note:**
>
> Refer to **Annexure: domain-config-deploy.env** section in ***Oracle Banking Virtual Account Management Pre-Installation Guide*** to configure logging path.

Index