

Oracle® Banking Virtual Account Management Cloud Service

Oracle Banking Virtual Account Management Cloud Service Archival User Guide



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Purpose

This guide provides the information on the Alerts set up in Virtual Account Management System.

Before You Begin

Kindly refer to the **Getting Started User Guide** for information on common functionalities like login, navigation, and general settings before proceeding with this guide.

Module Definitions

Virtual Account: TA virtual account is a system-generated, logical sub-account nested within a physical, or master, bank account, used to identify and track transactions from different sources or for different purposes.

Amount Block: These are flat charges configured per virtual account structure creation.

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 Security Management System User Guide*
- *Oracle Banking Common Core User Guide*
- *Oracle Banking Getting Started User 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.
<i>italic</i>	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.

Screenshot Disclaimer

Personal information used in the interface or documents are dummy and does not exist in the real world. It is only for reference purposes.

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
API	Application Programming Interface
EOD	End of Day

1

Introduction

This guide provides the background information on archival jobs.

This guide outlines the process for scheduling and monitoring archival and purge jobs. These jobs can be set up using CRON expressions to run at designated intervals, with daily or more frequent scheduling being advisable. Each job handles a Task Flow linked to one or more Tasks, which are executed according to established frequencies and retention policies. The terms Task Flow and Execution Flow can be used interchangeably.

For Detailed Information, refer to **Oracle Banking Microservices Platform Foundation User Guide**.

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Archival Job Execution Flow

This topic provide information about the Archival Job Execution Flow.

Each of the job checks for the retention periods in the following order in single execution cycle.

DELETE_RETENTION_PERIOD

Checks for records that have reached DELETE_RETENTION_PERIOD for the Task Flow. All matching records are deleted permanently from Purge schema tables.

PURGE_RETENTION_PERIOD

Checks for records that have reached PURGE_RETENTION_PERIOD for the Task Flow. All matching records are moved from archival schema tables to purge schema tables.

ARCHIVAL_RETENTION_PERIOD

The system transfers records that have met the ARCHIVAL_RETENTION_PERIOD for the Task Flow from the domain schema tables to the archival schema tables.

Table 2-1 Execution Order

Retention Type	Data Movement
DELETE_RETENTION_PERIOD	Delete from Purge Schema Tables
PURGE_RETENTION_PERIOD	Move from Archival Schema Tables to Purge Schema Tables
ARCHIVAL_RETENTION_PERIOD	Move from Domain Schema Tables to Archival Schema Tables

These retention periods are shipped as default configuration but can be editable as per preference.

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Scheduling the Archival Jobs

This topic provides information about the Archival Jobs.

These jobs can be scheduled under **Configure Tasks** screen via CRON expressions.

Configuration Requirements

1. **CRON Expression:** Users need to set up the CRON expression to specify how often the job runs. For instance, the CRON expression ``0 */10 * * *`` means the job will execute every 10 minutes, daily.
2. **Task Trigger Name:** When you choose a Task Name, the task trigger name will automatically set itself. However, it's advisable to give it a clear name, particularly when adding additional trigger parameters for certain 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.

For Detailed Information, refer to **Oracle Banking Microservices Platform Foundation User Guide**

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Supported Archival Usecases

This topic explains intraday tasks that operate throughout the day according to the set frequency.

Oracle Banking Virtual Account Management comes with various audit archival settings. You can review these configurations in the **Oracle Banking Microservices Platform Foundation User Guide**, and they can be scheduled through the Jobs listed below.

Note

Every job mentioned is linked to a subdomain that handles all configured and pre-installed Task Flows. One scheduling setup is enough for each job.

1. ArchivalJobVAM

Archival control name - plato_event_control

This archival flow is used to archive events generated by obvam-account-service along with their associated sub-records. Records become eligible for archiving when their creation date is older than the specified retention period.

Archival control name - obvam_uncollected_control

This archival flow is used to archive uncollected transactions along with their associated sub-records. Records become eligible for archiving when the actual release date of the transaction is older than the specified retention period.

Archival control name - obvam_account_control

This archival flow is used to archive virtual account records along with their associated sub-records. Records become eligible for archiving when the virtual account is closed and its last checked date is older than the specified retention period.

2. ArchivalJobVAS

Archival control name - dashboard_event_control

This archival flow is used to archive events received by obvam-statement-service and obvam-projection-service along with their associated sub-records. Records become eligible for archiving when the date of receiving the event is older than the specified retention period.

Archival control name - obvam_statement_control

This archival flow is used to archive statement details after generation along with their associated sub-records. Records become eligible for archiving when the current branch date is older than the specified retention period.

3. ArchivalJobVAT

Archival control name - transaction_jrn_control

This archival flow is used to archive transaction journal records along with their associated sub-records. Records become eligible for archiving when the booking date of the transaction is older than the specified retention period.

4. ArchivalJobVAN

Archival control name - internal_transfer_control

This archival flow is used to archive internal transfer records along with their associated sub-records. Records become eligible for archiving when the booking date of the transaction is older than the specified retention period.

5. ArchivalJobEIE

Archival control name - obvam_interestliq_control

This archival flow is used to archive interest liquidation transactions along with their associated sub-records. Records become eligible for archiving when the interest is liquidated and its last checked date is older than the specified retention period.

6. ArchivalJobVAE

Archival control name - obvam_entity_control

This archival flow is used to archive virtual entity records along with their associated sub-records. Records become eligible for archiving when the virtual entity is closed and its last checked date is older than the specified retention period.

7. ArchivalJobVAC

Archival control name - obvam_facility_control

This archival flow is used to archive customer account product records along with their associated sub-records. Records become eligible for archiving when the customer account product is closed and its last checked date is older than the specified retention period.

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