Oracle® Banking Retail Accounts Cloud Service

EOD Configuration User Guide

Release 14.7.4.0.0

ORACLE®

Oracle Banking Retail Accounts Cloud Service EOD Configuration User Guide, Release 14.7.4.0.0

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Contents

Preface

Purpose

The **EOD Configurations** guide helps to quickly get acquainted with the many everyday functions on a routine basis as part of the End of Day (EOD).

Audience

This guide is intended for Back Office Data Entry Clerk, Back Office Managers/Officers, Product Managers, End of Day Operators, and Financial Controller users.

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.

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
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.

Convention	Meaning
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.

Related Documents

The related documents are as follows:

- *Oracle Banking Common Core User Guide*

Acronyms and Abbreviations

The list of acronyms and abbreviations that you are likely to find in the guide are as follows:

Table   Acronyms

Abbreviation	Description
API	Application Programming Interface
EOD	End of Day
BOD	Beginning of Day
MCUT	Mark Cut-Off
EOTI	End of Transaction Input
EOFI	End of Financial Input

Screenshot Disclaimer

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

Prerequisite

Specify **User Name** and **Password**, and login to **Home** screen.

1
EOD Configuration

This topic provide information about the EOD Configuration process.

This topic contains the following subtopics:

- **Mapping Functional Activity Code**
  The topic describes the information to map the functional activity code to perform EOD operations.

- **Upload DSL**
  This topic describes the systematic instructions to upload DSL in **Business Process** maintenance.

- **Configure EOD**
  This topic describes the systematic instructions to configure EOD operations

- **Run EOD for branch**
  This topic describes the systematic instructions to run the EOD for a branch.

1.1 Mapping Functional Activity Code

The topic describes the information to map the functional activity code to perform EOD operations.

The following functional activity code needs to be maintained in user's role to perform EOD operations:

CMC_FA_BRANCH_EOD_PROCESS

> ✎ **Note:**
>
> Refer to **Oracle Banking Security Management System User Guide** for the procedure to map the functional activity code in user's role.

1.2 Upload DSL

This topic describes the systematic instructions to upload DSL in **Business Process** maintenance.

1. Download the **RDDAEODWF.json** file. This is a standard batch process definition script for Oracle Banking Retail Accounts that includes the list of batch tasks to be automatically executed in a sequence.

2. On **Home** Screen, under **Tasks** menu, click **Business Process Maintenance** to import, create or modify batch process definition

   The **Process List** screen displays.

Figure 1-1 Process List
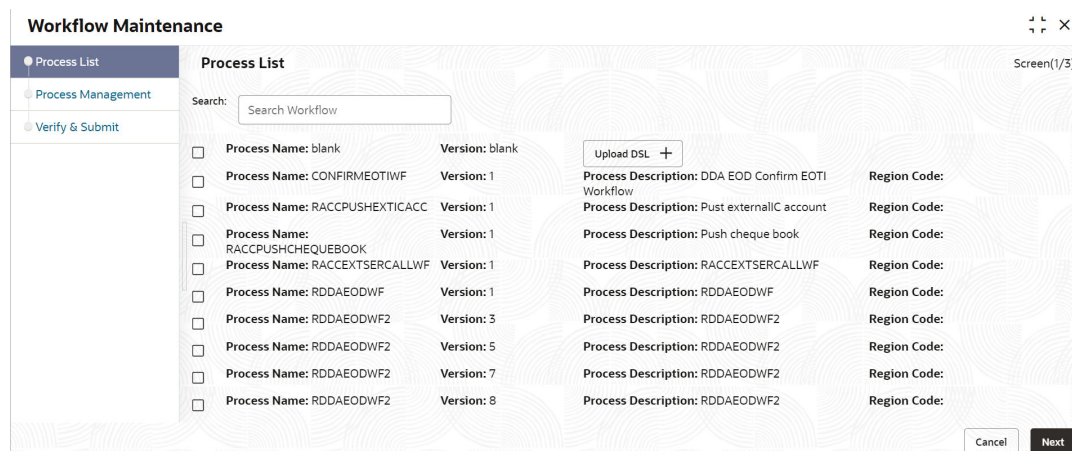
3. Select the **Process Name: blank** check box.

4. Click the **Upload DSL+** button to upload batch process definition.

5. Select the file **RDDAEODWF.json** from the local folder.

   The **Process List – Upload DSL** screen displays.

Figure 1-2 Process List - Upload DSL
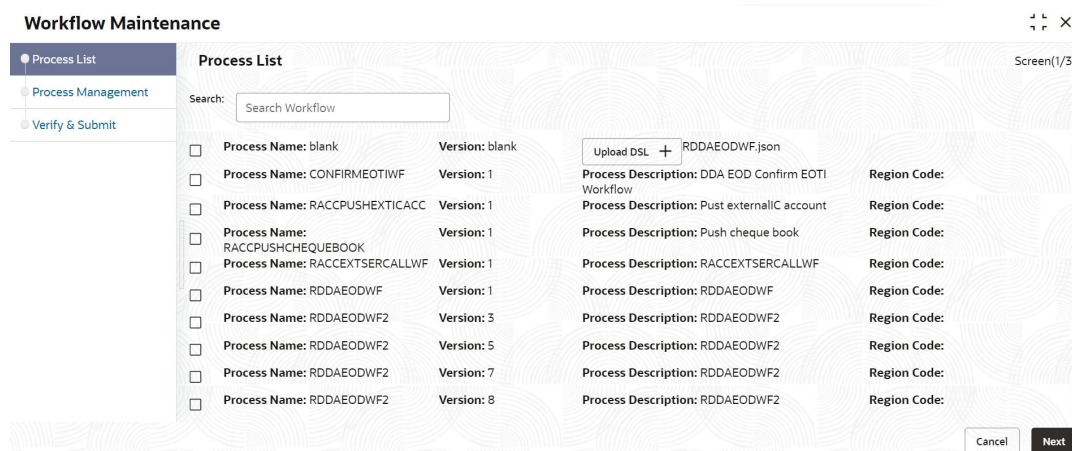
6. Click **Next** button.

   The **Process Management** screen displays.

Figure 1-3   Process Management
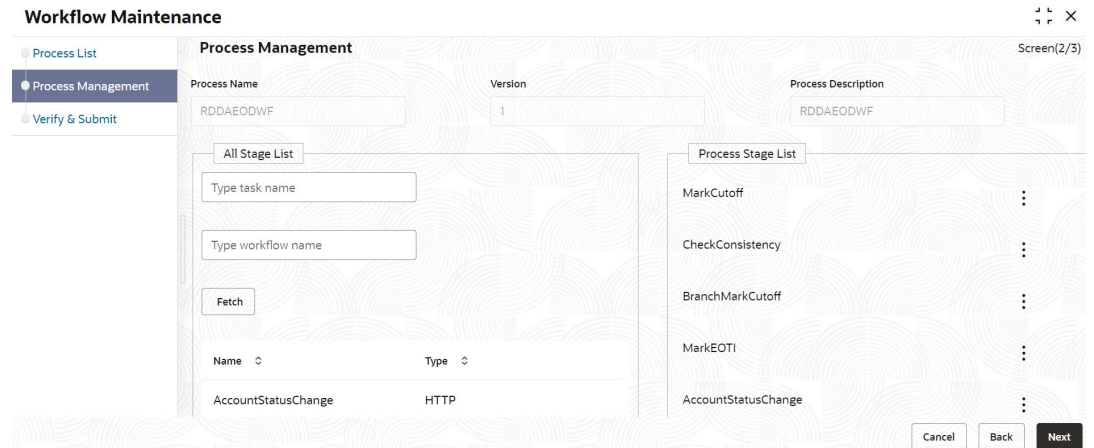
7. Click **Next** button.

    The **Verify and Submit** screen displays.

Figure 1-4   Verify and Submit
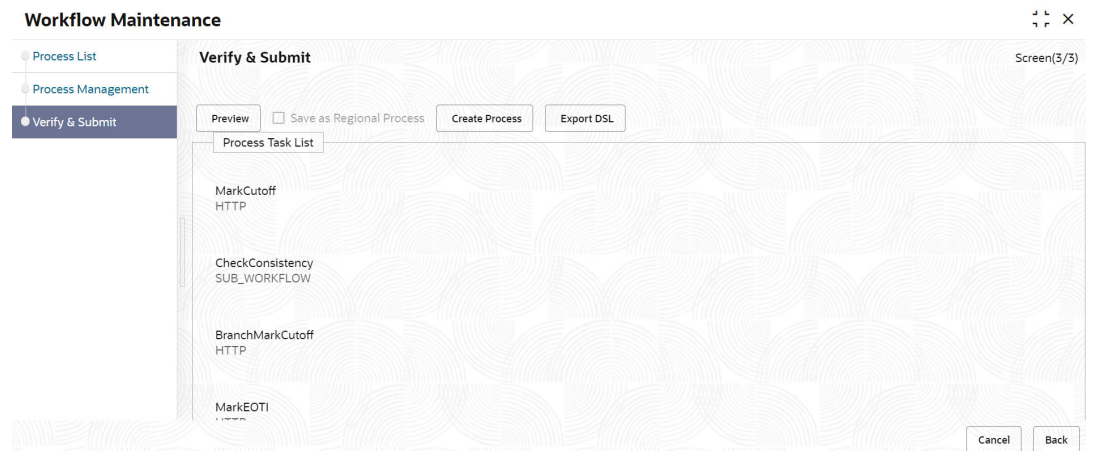
8. Click **Review** or **Create Process** to register the batch.

1.3 Configure EOD

This topic describes the systematic instructions to configure EOD operations

1. On **Core Maintenance** menu, under **Branch EOD**, click **Configure EOD**.

    The **Configure EOD** screen displays.

Figure 1-5   Configure EOD

> ✏️ **Note:**
>
> To configure batch for a branch, refer the **Configure Branch EOD** section in *Oracle Banking Common Core User Guide*.

2. Click the **Search** icon to view the list of available **Branch Codes**.

The **Branch Code** screen displays.

Figure 1-6   Branch Code

3. Select the **Branch Code** to configure the batch.

> **✎ Note:**
>
> The value specified in **Workflow name** field must be same as the **workflow name** attribute specified in 3rd line of batch script **RDDAEODWF.json** file.

1.4 Run EOD for branch
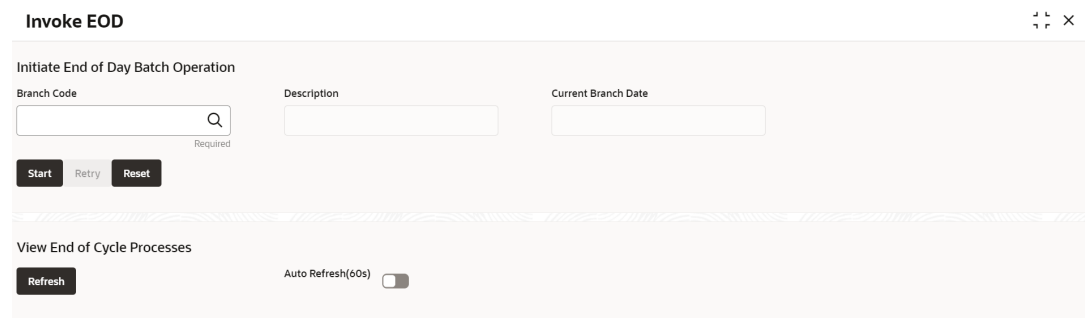
This topic describes the systematic instructions to run the EOD for a branch.

1. On **Home** Screen, click **Core Maintenance**. Under **Core Maintenance** menu, click **Branch EOD**.

2. Under **Branch EOD**, click **Invoke EOD**.

   The **Invoke EOD** screen displays.
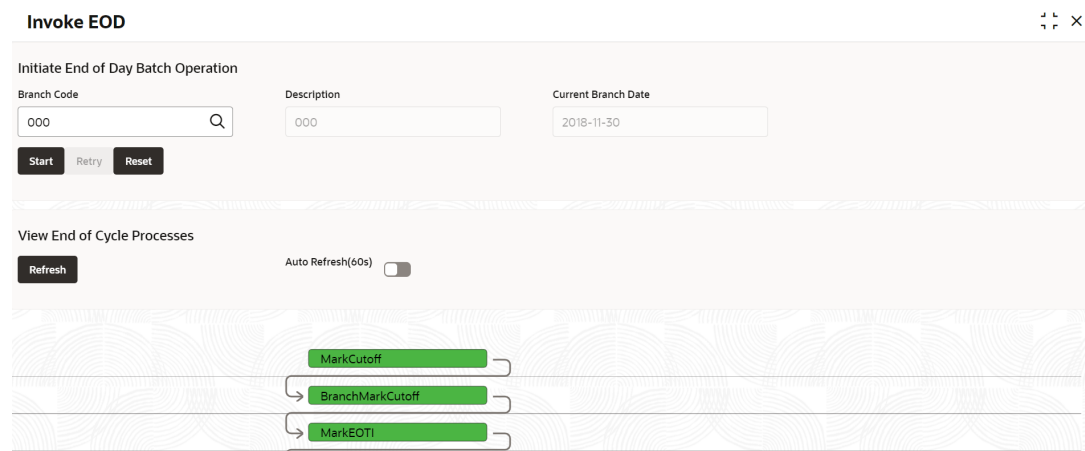
Figure 1-7   Invoke EOD

3. Click **Search** icon to view and select the **Branch Code** to run EOD.

   The **View End of Cycle Processes** section gets populated and the jobs list displays.

Figure 1-8   Invoke EOD - View End of Cycle Processes

4. Click **Refresh** to view the current status of the branch.

2

Oracle Banking Retail Accounts Batch Jobs and APIs

The topic describes the Oracle Banking Retail Accounts batch jobs and APIs.

Table 2-1   Oracle Banking Accounts Batch Jobs and APIs

EOD Stage	Name	Description
MCUT	MarkCutoff	This API changes the branch status from "Transaction Input" to "Cutoff" in OBA.
MCUT	CheckConsistency	This API checks for completeness of all transactions received for the current branch date.
MCUT	BranchMarkCutoff	This batch marks cutoff in Common core.
MCUT	CoherencePostProcessing	This API saves the transactions present in the coherence cache.
MCUT	AbortExistingPostProcessing BatchJob	This API aborts an executing post-processing job for a Nostro branch.
MCUT	PostProcessingBatchJob	This batch calculates value-dated and book-dated balances of an account. It also activates the account if it is in a dormant state.
MCUT	StatementNarrativeBatchJob	This batch sends the statement narrative of a transaction to the statement domain.
EOTI	MarkEOTI	Marks the end of transaction input.
EOTI	AccountTODLimitPopulate	This batch job populates the cache with the accounts eligible for a temporary overdraft or renewal of their temporary overdraft limit.
EOTI	AccountTODLimitExecutor	This batch job processes the accounts in the cache populated by the **AccountTODLimitPopulate** batch job and enables or renews the temporary overdraft limit as required by the accounts.
EOTI	AccountStatusChangePopulat ion	This batch will populate the records which are enabled for "automatic account status change".
EOTI	AccountStatusChangeExecuti on	This batch processes the accounts identified by the AccountStatusChangePopulation batch job. It computes the new account status, and updates the account status if it is different from the old account status.
EOTI	ICCoherencePostProcessing	This API saves the DDA-IC generated transactions present in the coherence cache.
EOTI	ICAbortExistingPostProcessin gBatchJob	This API aborts a currently executing branch postprocessing job.
EOTI	ICPostProcessingBatchJob	This batch calculates the value-dated and bookdated balances of an account. It also activates the account if it is in a dormant state. This batch executes after the DDA-IC transactions are posted by the DDA-IC batch jobs.
EOTI	ICStatementNarrativeBatchJo b	This batch sends the transaction statement narrative to the statement domain for the transactions posted in the DDA-IC jobs.

Table 2-1   (Cont.) Oracle Banking Accounts Batch Jobs and APIs

EOD Stage	Name	Description
EOTI	AccountRevaluationCleanup	This batch job cleans up the already processed revaluation data.
EOTI	CourtesypayEvaluation	This batch is to apply the CP charges to the account – the account is debited for the charge amount and the charge GL account is credited.
EOTI	RegdViolationEvaluation	This batch is to reset the Reg D transaction counter.
EOTI	ICMarkCutoff	Marks the cutoff for Interest batch.
EOTI	OBRACC-IC	This batch computes and liquidates Accruals and Interest for accounts for the current branch date.
EOTI	ICCheckConsistency	Checks for consistency post IC batch.
EOTI	OBRACC-IC-APYE	Batch for calaculating Annual Percentage Yield Earned (APYE).
EOTI	OBRACC-IC-APYE-STMT	Batch for pushing the calculated Annual Percentage Yield Earned (APYE) value to statemnet domain.
EOTI	AccountRevaluationBatch	This batch revalues the FCY (Foreign Currency) accounts based on the exchange rate defined for the current date and the revaluation setup configuration.
EOTI	AccountRevaluationNettedGlHandoff	This API is used to post the Netted GL Handoff for the transaction generated by the revaluation batch.
EOTI	RevaluationCoherencePostProcessing	This API saves the transactions present in the coherence cache for the above Account Revaluation generated transactions.
EOTI	RevaluationAbortExistingPostProcessingBatchJob	This api aborts a currently executing post processing job for the branch.
EOTI	RevaluationPostProcessingBatchJob	This batch calculates the value-dated balance and book-dated balance of an account. It also activates the account if it is in a dormant state. This batch executes after the Account revaluation batch posts the account transactions.
EOTI	RevaluationStatementNarrativeBatchJob	This batch sends the transaction statement narrative to the statement domain for the transactions posted in in Account Revaluation batch.
EOTI	RevaluationCheckConsistency	Checks for consistency post Revaluation batch.
EOFI	MARKEOFI	Marks the end of financial input.
EOFI	BranchMarkEOFI	Marks the end of financial input in Common core.
EOFI	GlHandoffCleanup	This batch job removes the GL handoff data that is present from a previously executed batch.
EOFI	GLHandoffBatch	This batch job identifies and creates a list of Accounting transactions, Accounts with a status change, and Accounts with a balance change for current branch date that are eligible for GL handoff. It then creates the required transaction and posts it to the **glhandoff**.
Date Change	BranchDateChange	Changes system date to next working date in Common core.
Date Change	DDADateChange	Changes system date to next working date in OBA.
Date Change	ICDateChange	Changes system date to next working date in IC domain.

Table 2-1   (Cont.) Oracle Banking Accounts Batch Jobs and APIs

EOD Stage	Name	Description
Date Change	ICReleaseCutoff	Releases the branch's cutoff in IC domain.
Date Change	BranchReleaseCutOff	Release of cutoff in Common core.
BOD	BranchMarkTI	Marks the transaction input for the branch.
BOD	DormancyBatchCleanup	This batch job removes the **DormancyBatch** data that is present from a previously executed batch.
BOD	DormancyBatch	This batch marks the account dormant if the dormancy date of the account is before the current branch date.
BOD	Escheatment	This batch is for unclaimed processing and for transferring the unclaimed proceeds from customer account to bank and state GL.
BOD	ChequebookPopulateDriverBatchJob	This batch job identifies and lists the accounts that are eligible for a chequebook auto reorder by checking the automatic reorder level of cheque leaves.
BOD	ChequebookExecutorBatchJob	This batch places chequebook requests for the accounts identified by the **ChequebookPopulateDriverBatchJob**.
BOD	ChequebookAllocationBatchJob	This batch places automatic cheque book request for the accounts initiated from the previous batch by checking for automatic reorder level of cheque leaves.
BOD	ReleaseUncollected	This batch releases uncollected funds for accounts which are due for release on the branch date.
BOD	ReleaseLegalAmountBlocks	This API releases legal amount blocks for accounts.
BOD	StopPaymentPopulateJob	This task identifies and creates a list of the accounts that require Stop payments.
BOD	StopPaymentExecutorBatchJob	This batch updates the stop_payment status of the list of accounts generated by StopPaymentPopulateJob.
BOD	ProductSwitch	This batch does the business product transfer - product switch both automatic (Reg D) and manual.
BOD	CloseGarnishment	For those garnishment orders for which the end date has crossed current date, the batch will remove the amount block from the accounts involved in that garnishment and mark the garnishment order as closed.
BOD	StatementPopulateDriverBatchJob	This batch will populate the driving table for which account statement is scheduled and it is in due for the branch date.
BOD	StatementExecutorBatchJob	Statement batch generates account statements due for the accounts populated from the previous batch.
BOD	InsolvencyBatch	Insolvency Batch Service is to apply hold amount block on accounts in case of bank insolvency.
BOD	TransactionNoticeBatch	Transaction Notice Batch is to log notice events in event generation service.
BOD	StatementNoticeBatch	DDA Statement Notice Batch is to log notice events in event generation service.
BOD	EventGenerationBatch	OBCDDA Event Generation batch to generate business events basis the maintenance.

3

Batch Description

The topic provides information on the various Oracle Banking Retail Accounts batch jobs.

Account Status Change

The status change of an account is performed automatically if the **Automatic Account Status Change** field is enabled at Account level. A number of statuses and rules are maintained in the rule engine. The status rules are attached to the **Business Product** at every stage movement. Finally, the batch picks up such accounts based on the below conditions, where -

- The **Automatic Account Status Change** flag is set to *Yes*.

- The rules maintained in **Business Product** are evaluated.

The new status for the account is derived and the status of the account is updated automatically by the system.

Account Revaluation

Revaluation is a calculated upward adjustment to a country's official exchange rate relative to a selected baseline.

The **Account Revaluation** batch is run to revalue the balances of foreign currency customer accounts and thus, the local currency balance is restated. The required revaluation setup is captured under **Configurations**. As a result of the batch, the system revalues the account balances and posts the revaluation profit or loss into a predefined account and the revaluation profit / loss is then handed over to the GL system.

Reval Split Required

Reval Split Required indicates that the user requires trading split in revaluation for the GL. You can choose to break-up the revaluation Profit / Loss for the GL that you are defining.

- **Trading Profit / Loss** – Profit or loss due to revaluation of FCY entries posted into the FCY account during the day.

- **Revaluation P&L** – Profit or loss due to revaluation of opening balances (balances without current day's turnover).

Based on the **Configurations**, the system books profit and loss to the Profit GL and Loss GL respectively. When **Reval Split Required** is selected, the booking of the profit and loss happens to both **Trading Profit** and **Trading Loss** GLs.

GL HandOff

The **Credit GL Line** and **Debit GL Line** for every status is captured at the business product.

The **Reporting GL** is determined based on the sign of account balance. If the account balance is positive, it reports to the **Credit GL** and likewise to the **Debit GL**, if negative.

To facilitate balance posting, an **Intersystem Bridge GL** is maintained at source code preference. The offset entries for each of the scenarios is posted to **Intersystem Bridge GL**.

The following GL's are defined in the **Business Product** maintenance to post account balances when a status movement occurs on any account belonging to that business product.

- Debit and Credit GL's to which account balances must be posted, for movement to each status.

The following conditions are handled in the batch process.

- No change in the balance sign and the account has net credit turnover.

- No change in the balance sign and the account has net debit turnover.

- No change in the account balance, as there are no transactions for the day.

- No change in the account balance, since the net turnover (sum of debits and credits) is zero.

- Net credit turnover in the account changing the account's balance sign from negative to positive.

- Net debit turnover in the account changing the account's balance sign from positive to negative.

Dormancy

As a part of transaction processing depending on the flags and attributes sent in the transaction, the system sets the last credit activity date or the last debit activity date for an account. The dormancy date in the account is set based on the account's activity date and dormancy days from the business product.

This batch job picks all accounts which are (i) not dormant, and (ii) whose dormancy date is lesser than the branch date; and marks it dormant.

Auto Cheque Book Request

The automatic reordering of Cheque Books is processed at EOD by executing a batch function. The following conditions should be satisfied for initiation of automatic reordering of cheque books:

- The **Auto Reorder of Cheque Book** option is enabled at the Account level.

- The number of unused check leaves for the account is less than or equal to the reorder level maintained at the Account level.

The system picks up the number of leaves to be reordered from **Reorder Number of Leaves** maintained for the account and issues a cheque book for the account.

Release Legal Amount Blocks

This API also performs the following actions -

- It picks all the accounts having amount blocks that are expiring earlier or on the branch date.

- It derives the value of the amount block that must be retained/valid.

- It expires the **Legal Block** and updates the account balance.

Stop Payment

This batch job also performs the following actions -

- Fetches Expired Stop Payments - It closes all stop payments for the branch date and if there are no active stop payments for the account, it updates the account's stop payment status to *Yes*.

- Activates Stop Payments - It updates the stop payment flag in the account to *Yes* when there are active stop payments for the account on the branch date.

Statement Batch

This BOD batch generates periodic statements and swift messages for all accounts configured for periodic statement / swift message generation. Statement preferences for primary statement, secondary statement, tertiary statement and swift configuration is maintained for the account. Advice names are maintained in the advice maintenance screen and the report template is maintained with same name in report format maintenance screen. The advice is linked with the report format in the report linkage screen. OBA supports the pre-defined advices - Primary Detail, Primary Summary, Secondary Detail, Secondary Summary, Tertiary Detail and Tertiary Summary. As the batch is run in the BOD, the input to this batch is the previous working day and all statements due for the previous working day is generated in the BOD. Statement in PDF form is generated for all media except for Swift.

Courtesy Pay Evaluation

This EOD batch process applies the Courtesy Pay (CP) charge if the CP limit is utilized by the account.

The following conditions are handled as part of this batch process:

• Application of CP charge based on the configured charge code at the business product level.

• A fee will be applied per CP limit utilization transaction.

• In case there are intra-day credits to the account which bring the account to a positive balance, then the batch will not apply the CP utilization transaction fee.

RegD Violation Evaluation

This EOD batch process performs the below actions:

• Evaluate if a there is a RegD violation in the account for the month (No. of transactions for the month > Configured RegD monthly transaction threshold at business product).

• Reset the Reg D counter for the accounts to start afresh for the next month.

Escheatment

This EOD batch process performs the below actions:

• Calculation of the *Escheatment Date* based on the last activity date for the account.

• Identify accounts to be escheated when the *Escheatment Date* equals the current business date.

• Appropriating the account balances (after interest liquidation processing) to Bank and State GL accounts based on configured threshold and percentage.

• Closing the account post appropriating the balance in the account.

Product Switch

This EOD batch process performs the below actions:

• Identify the accounts that have breached the configured no. of monthly Reg D violations allowed in a 12-month rolling period.

• Automatic product switch from the existing business product to the new business product as per product switch configuration for the identified accounts.

Garnishment

This EOD batch process will release the Garnishment block amount placed on the account when the end date of Garnishment equals the current business date.

A
Functional Activity Codes

Table A-1   List of Functional Activity Codes

Functional Activity Code	Purpose
CDDA_FA_PP_TBS_EODBRANCH_UPDATE	This functional activity code is used to update the EOD Branch Status Update in the Transaction Balance Service.
CDDA_FA_PP_TBS_CONFIRM_EOTI	This functional activity code is used to confirm EOTI during EOD.
RDDA_FA_PP_TXNBS_REGD_VIOLATION	This functional activity code is used to process the Reg D Violation.

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