Oracle® Banking Corporate Accounts Cloud Service

EOD Configuration User Guide

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Oracle Banking Corporate Accounts Cloud Service EOD Configuration User Guide, Release 14.7.1.0.0

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Contents

Preface

Purpose

The **EOD Configuration User Guide** helps to understand the daily configurations on a routine basis as part of the **End of Day (EOD)**.

Audience

This user guide is intended for users who carry out the following roles within a bank.

Table 1 User Roles

User Role	Function
Back office clerk	Input functions for contracts
Back office managers/officers	Authorization functions
End of Day operators	Process at the End of Day or the Beginning of Day
Financial Controller/Product Managers	Generation of reports
Product Managers	Product definition and authorization

Documentation Accessibility

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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 Documents

The related documents are as follows:

- *Corporate Accounts User Guide*
- *Account Configurations User Guide*
- *Oracle Banking Common Core 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.
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.

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.

Acronyms and Abbreviations

Table 2 Commonly Used Acronyms and Abbreviations

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

Table 2 (Cont.) Commonly Used Acronyms and Abbreviations

Abbreviation	Definition
EOFI	End of Financial Input

Basic Actions

This basic actions that can be performed on a screen are described in the following table..

Table 3 Basic Actions

Action	Description
Approve	Used to approve the initiated report. This option displays when the user clicks **Authorize**.
Audit	Used to view the maker details, checker details and report status.
Authorize	Used to authorize the report created. A maker of the screen is not allowed to authorize the report. Only a checker can authorize a report, created by a maker.
Cancel	Used to cancel the performed action.
Close	Used to close a record. This action is available only when a record is created.
Collapse All	Used to hide the details in the sections. This option displays when the user clicks **Compare**.
Compare	Used to view the comparison through the field values of old record and the current record. This option displays in a widget when the user clicks **Authorize**.
Confirm	Used to confirm the performed action.
Expand All	Used to expand and view all the details in a section. This option displays when the user clicks **Compare**.
New	Used to add a new record. When the user clicks **New**, the system displays a new record to specify the required data.
OK	Used to confirm the details in the screen.
Reject	Used to reject the report created. A maker of the screen is not allowed to authorize the report. Only a checker can reject a report, created by a maker.
Save	Used to save the details entered or selected in the screen.
Unlock	Used to update the details of an existing record. System displays an existing record in editable mode.
View	Used to view the report details in a particular modification stage.This option displays in the widget when the user clicks **Authorize**. This option is also displayed in the Tile menu.
View Difference only	Used to view a comparison through the field element values of old record and the current record, which has undergone changes. This option is displayed when the user clicks **Compare**.

> **Note:**
>
> The user must specify values for all the mandatory fields and they are marked as **Required** in the UI.

1
EOD Configuration

This topic provide information about the EOD Configuration processes.

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.
- Invoke EOD
  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.

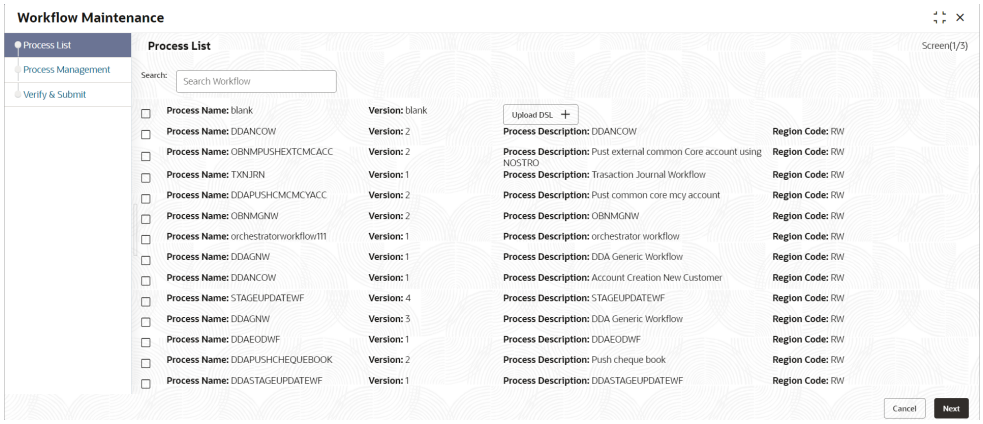
1.2 Upload DSL

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

1. Download the **DDAEODWF.json** file. This is a standard batch process definition script for Oracle Banking Accounts that includes the list of batch tasks to be automatically executed in a sequence. The user can also download **DDACONFIRMEOTIWF.json** for the workflow definitions.
2. On **Home** Screen, under **Tasks** menu, click **Business Process Maintenance** to import, create or modify batch process definition.

   The **Process List** screen displays.

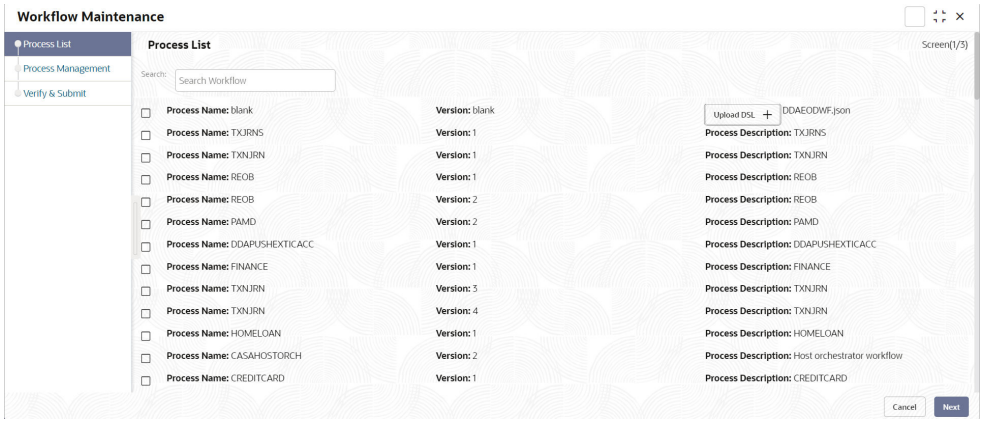
Figure 1-1 Process List



3. Select the **Process Name: blank** check box.
4. Click the **Upload DSL+** button to upload batch process definition.
5. Select the file **DDAEODWF.json** from the local folder.

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

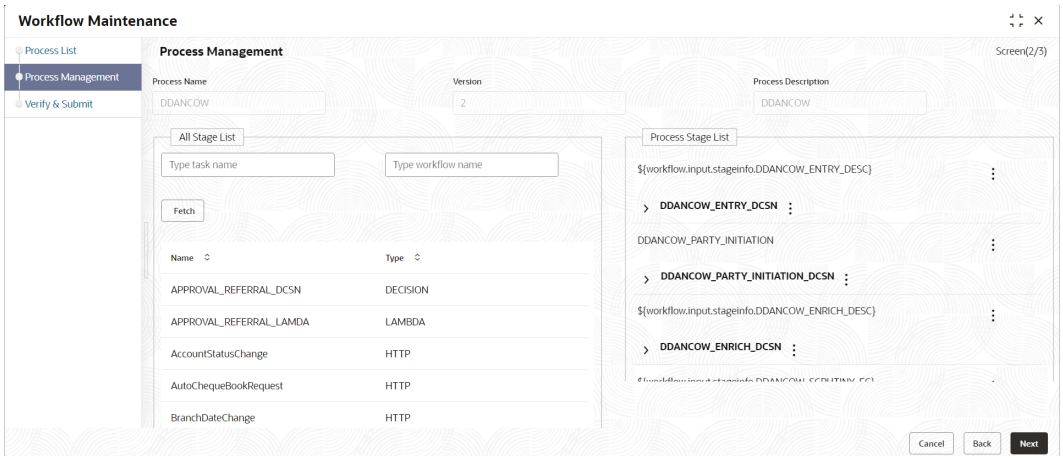
Figure 1-2 Process List - Upload DSL



6. Click **Next** button.

   The **Process Management** screen displays.

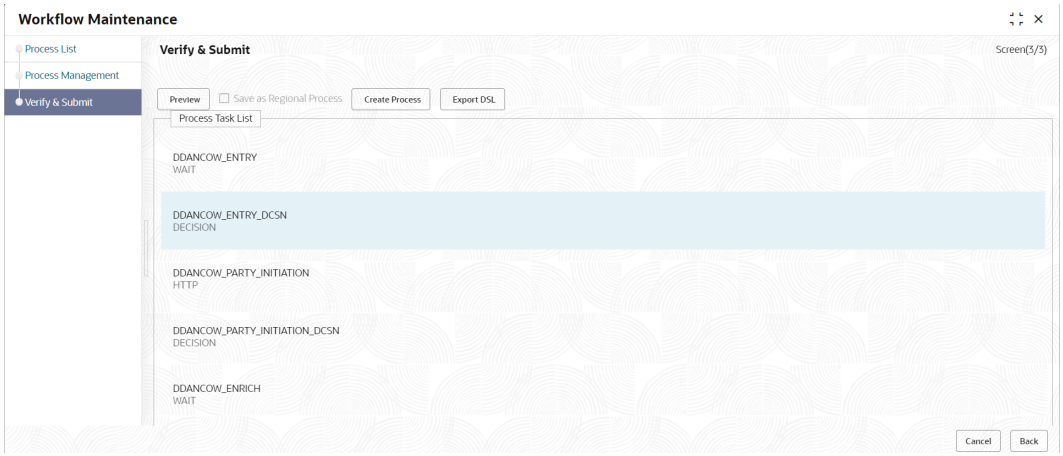
Figure 1-3 Process Management



7. Click **Next** button.

   The **Verify and Submit** screen displays.

Figure 1-4 Verify and Submit



8. Click **Preview** or **Create Process** to register the batch.

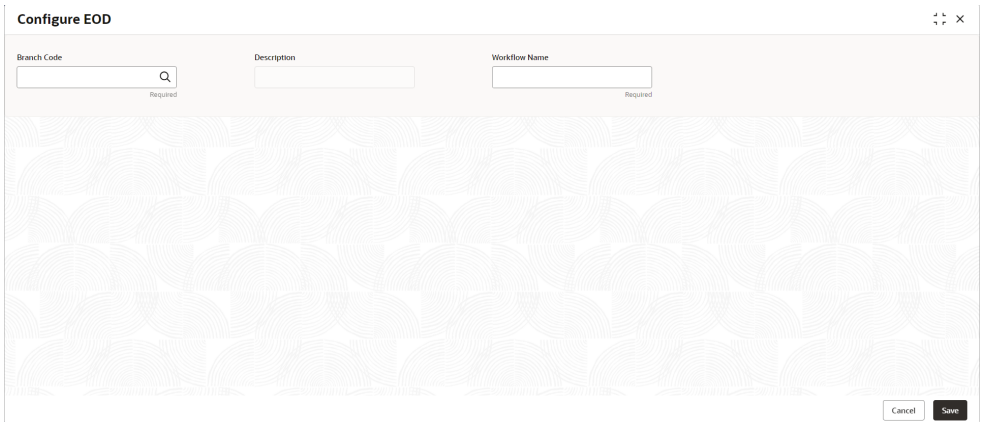
1.3 Configure EOD

This topic describes the systematic instructions to configure EOD operations.

1. On **Home**, click **Core Maintenance**. Under **Core Maintenance**, click **Branch EOD**.
2. Under **Branch EOD**, click **Configure EOD**.

   The **Configure EOD** screen displays.

Figure 1-5 Configure EOD

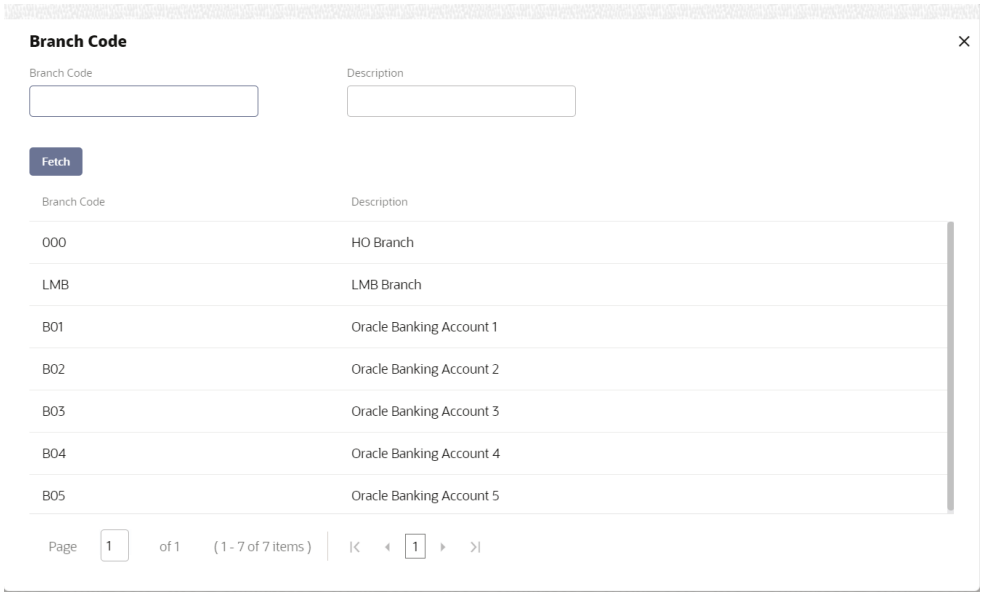


> **Note:**
>
> To configure the batch for a branch, refer to the **Configure Branch EOD** section in the *Oracle Banking Common Core User Guide*.

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

   The **Branch Code** screen displays.

Figure 1-6 Branch Code



4. 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 **DDAEODWF.json** file.

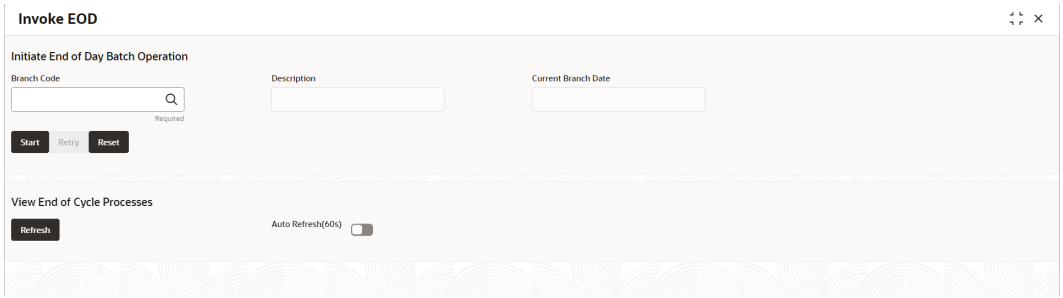
1.4 Invoke EOD

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.

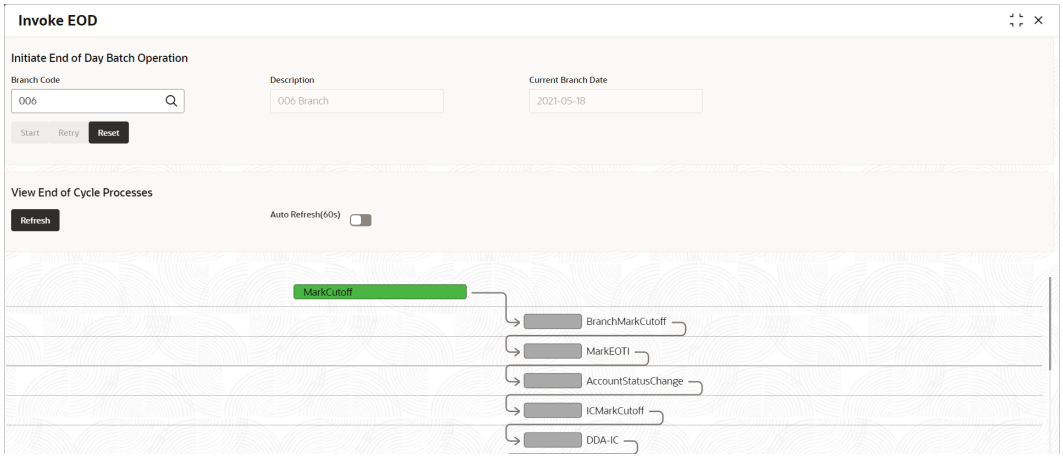
Figure 1-7 Invoke EOD



3. Click **Search** icon to view and select the **Branch Code**.
4. Click **Start** 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



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

2

Oracle Banking Corporate Accounts Batch Jobs and APIs

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

Table 2-1 Oracle Banking Corporate Accounts Batch Jobs and APIs

Sl. No.	EOD Stage	Name	Description	Input Parameters
1	MCUT	MarkCutoff	This API changes the branch status from "Transaction Input" to "Cutoff" in OBA	BranchCode
				UserID
				EntityID
2	MCUT	CheckConsistency	This API checks for completeness of all transactions received for the current branch date	AppID
				BranchCode
				UserID
				EntityID
3	MCUT	BranchMarkCutoff	This batch marks cutoff in Common core	BranchCode
				UserID
				AppID
4	EOTI	MarkEOTI	Marks the end of transaction input	BranchCode
				UserID
				EntityID
5	EOTI	AccountStatusChange	This batch picks up all accounts enabled for "automatic account status change", computes the new account status and changes the status automatically if it is different from the old account status	AppID
				BranchCode
				UserID
6	EOTI	ICMarkCutoff	Marks the cutoff for Interest batch	UserID
				BranchCode
7	EOTI	DDA-IC	This batch computes and liquidates Accruals and Interest for accounts for the current branch date	UserID
				BranchCode
8	EOTI	ICCheckConsistency	Checks for consistency post IC batch	AppID
				BranchCode
				UserID
				EntityID
9	EOTI	Revaluation	This batch revalues FCY accounts based on exchange rate defined for the current date and the reval setup configuration	AppID
				BranchCode
				UserID
10	EOTI	RevaluationCheck Consistency	Checks for consistency post Revaluation batch	AppID
				BranchCode
				UserID

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

Sl. No.	EOD Stage	Name	Description	Input Parameters
				EntityID
11	EOFI	MARKEOFI	Marks the end of financial input	BranchCode
				UserID
				EntityID
12	EOFI	BranchMarkEOFI	Marks the end of financial input in Common core	AppID
				BranchCode
				UserID
13	EOD	GLHandoff	This batch consolidates the current date balances of the customer GL and generates a handoff file	AppID
				BranchCode
				UserID
14	Date Change	BranchDateChange	Changes system date to next working date in Common core	AppID
				BranchCode
				UserID
15	Date Change	DDADateChange	Changes system date to next working date in OBA	BranchCode
				UserID
				EntityID
16	Date Change	ICDateChange	Changes system date to next working date in IC domain	BranchCode
				UserID
17	Date Change	ICReleaseCutoff	Releases the branch's cutoff in IC domain	BranchCode
				UserID
18	Date Change	BranchReleaseCutOff	Release of cutoff in Common core	AppID
				BranchCode
				UserID
19	BOD	BranchMarkTI	Marks the transaction input for the branch	AppID
				BranchCode
				UserID
20	BOD	Dormancy	This batch marks account dormant if the dormancy date of the account is the current branch date	AppID
				BranchCode
				UserID
21	BOD	AutoChequeBookRequest	This batch places automatic cheque book request for accounts by checking for automatic reorder level of cheque leaves	AppID
				BranchCode
				UserID
22	BOD	ReleaseUncollected	This batch releases uncollected funds for accounts which are due for release on the branch date	BranchCode
				UserID
				EntityID
23	BOD	ReleaseLegalAmountBlocks	This API releases legal amount blocks for accounts	BranchCode
				UserID
				EntityID
24	BOD	StopPayment	This batch updates the account's stop_payment status by checking for existence of stop payment for the current date	AppID
				BranchCode
				UserID

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

Sl. No.	EOD Stage	Name	Description	Input Parameters
25	BOD	Statement	Statement batch generates account statements due for the branch date	AppID
				BranchCode
				UserID

3
Batch Description

The topic provides information on the various **Oracle Banking Corporate Accounts Cloud Service (OBCACS)** batch jobs.

1. 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 **Account Class** 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 **Account Class** are evaluated.

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

2. 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.

3. GL HandOff

The **Credit GL Line** and **Debit GL Line** for every status is captured at the account class / account level.

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 **Account Class** maintenance to post account balances when a status movement occurs on any account belonging to that account class.

- 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.

4. 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 account class.

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.

5. 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.

6. 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.

7. 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.

8. Statement View

This BOD batch generates periodic statements and swift messages for all accounts configured for periodic statement / swift message generation. The Statement Preferences for primary statement, secondary statement, tertiary statement and swift configuration are maintained for your account. The Advice names are maintained in the Advice maintenance and the report template is maintained in Report Format maintenance with the same name. The advices are linked to the report formats on the Report Linkage screen.

OBCACS supports predefined advices such as PrimaryDetail, PrimarySummary, SecondaryDetail, SecondarySummary, TertiaryDetail, and TertiarySummary. Since the batch runs in BOD, the input for this batch is the previous business day and all statements due on the previous business day are generated in the BOD. PDF statements are generated for all media except Swift.

When an account is created, the system captures multiple addresses for the account's address type (HOA, BOA, COA, ROA, etc.). The user can maintain different "media" addresses for each address type. The different statement types are maintained per media and per each address type. For the media type 'MAIL', the address capture follows the ISO Structured Mail address format, and for other media types a simple plain text called 'media address' is captured. Account statements can be generated at multiple frequencies for an account. The system maintains up to **three** frequencies for each account (called Primary, Secondary and Tertiary accounts). A **SWIFT MT950** statement is configured for the account. The statements are generated for an account based on the frequency.

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.

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