

Oracle® Banking Accounts Cloud Service

EOD Configuration User Guide



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The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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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.

Acronyms and Abbreviations

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

Table 1 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 |

Topics

This guide is organized as follows:

Table 2 List of Topics

| Topics | Description |
|--|--|
| EOD Configuration | This topic provides the information about the instructions to perform the EOD operations. |
| Oracle Banking Accounts Batch Jobs and APIs | This topic provides the information about the Oracle Banking Accounts Cloud Service batch jobs and APIs. |
| Batch Description | This topic provides more information about the batch jobs. |

Related Documents

The related documents are as follows:

- *Oracle Banking Common Core User Guide*

Screenshot Disclaimer

Sample information used in the interface or documents are dummy, it does not exist in real world, and it is for reference purpose only.

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

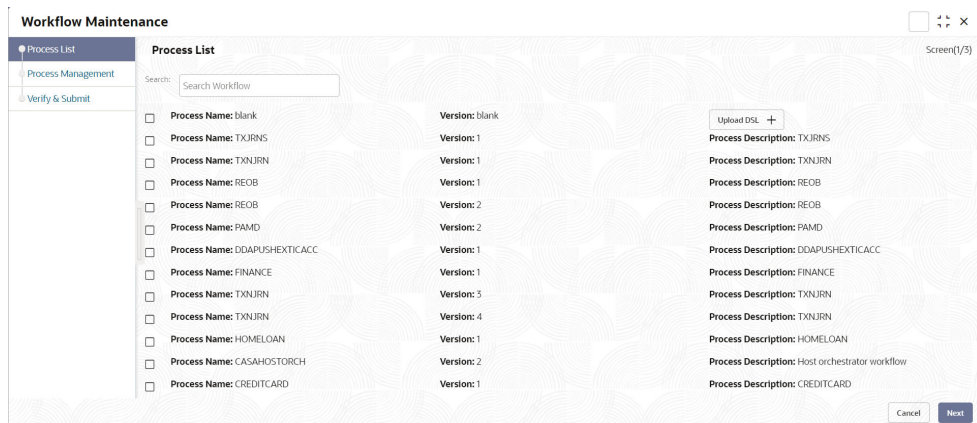
This topic describes the systematic instructions to upload DSL in **Business Process** maintenance.

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

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.

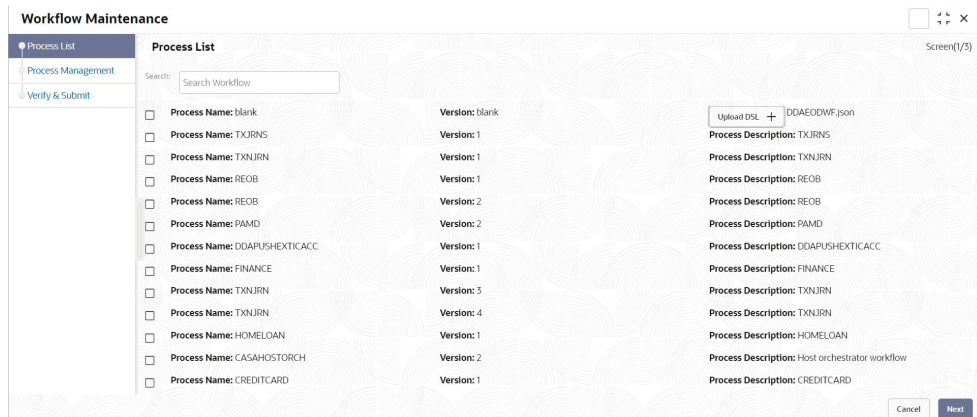
Figure 1-1 Process List



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.

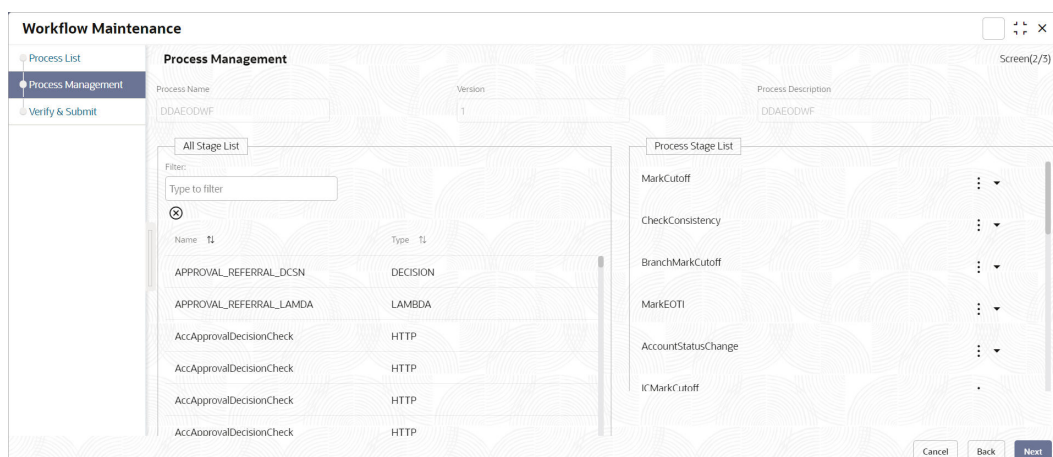
Figure 1-2 Process List - Upload DSL



6. Click **Next** button.

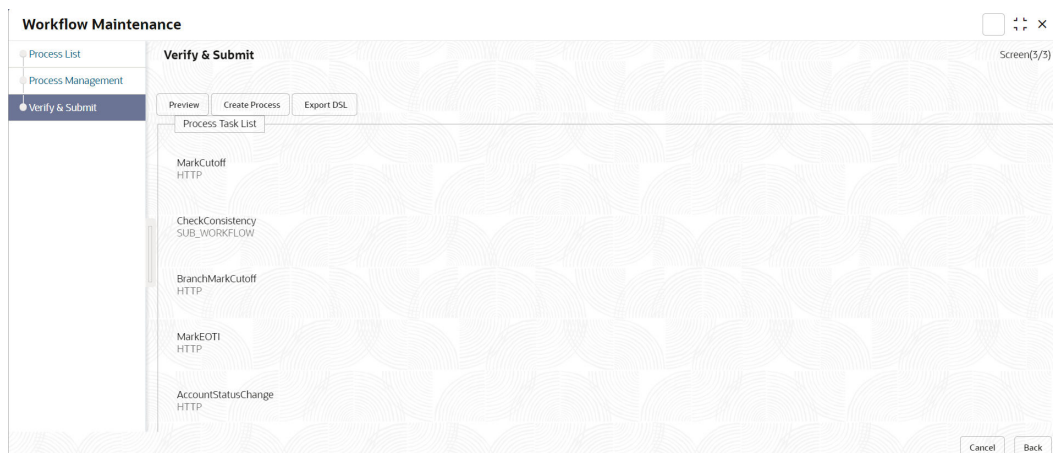
The **Process Management** screen displays.

Figure 1-3 Process Management



7. Click **Next** button.
The **Verify and Submit** screen displays.

Figure 1-4 Verify and Submit



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

1.3 Configure EOD

This topic describes the systematic instructions to configure EOD operations. Specify **User ID** and **Password**, and login to **Home** screen.

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*.

- Click the **Search** icon to view the list of available **Branch Codes**. The **Branch Code** screen displays.

Figure 1-6 Branch Code

| Branch Code | Description |
|-------------|--------------------------|
| 000 | HO Branch |
| LMB | LMB Branch |
| B01 | Oracle Banking Account 1 |
| B02 | Oracle Banking Account 2 |
| B03 | Oracle Banking Account 3 |
| B04 | Oracle Banking Account 4 |
| B05 | Oracle Banking Account 5 |

- 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 Run EOD for branch

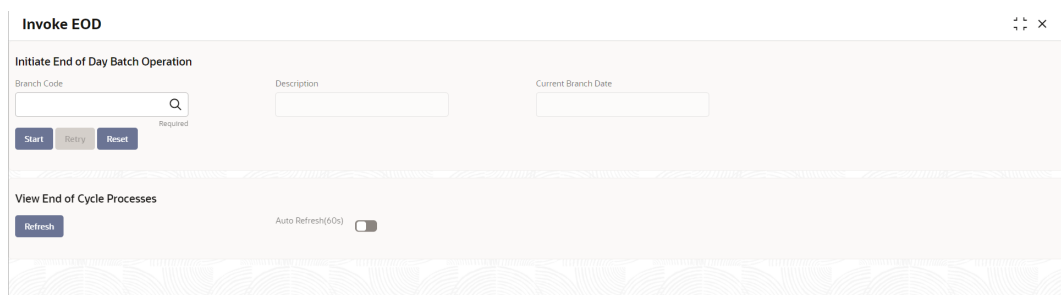
This topic describes the systematic instructions to run the EOD for a branch.

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

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.

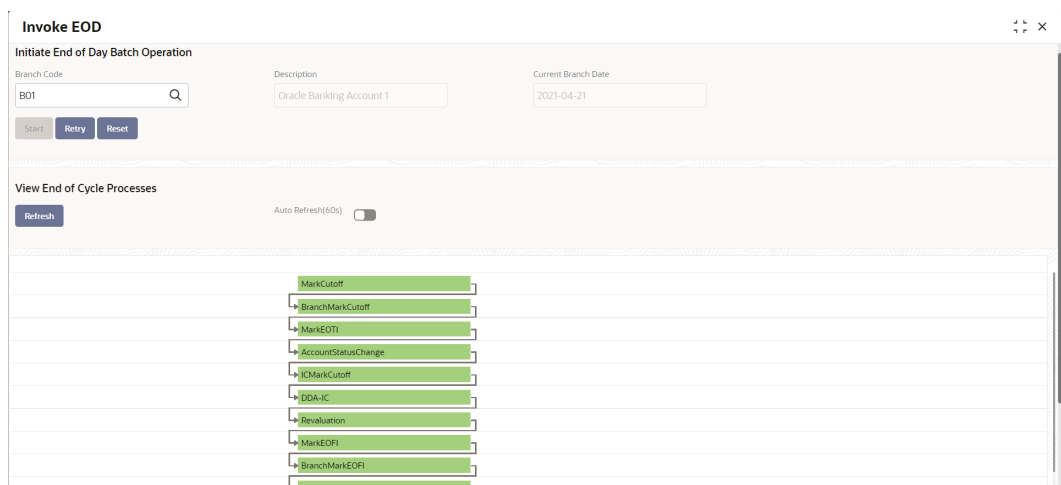
Figure 1-7 Invoke EOD



The screenshot shows the 'Invoke EOD' interface. At the top, there's a title 'Invoke EOD' and a close button. Below it, the 'Initiate End of Day Batch Operation' section contains three input fields: 'Branch Code' (with a search icon), 'Description', and 'Current Branch Date'. Below these fields are 'Start', 'Retry', and 'Reset' buttons. The 'View End of Cycle Processes' section features a 'Refresh' button and an 'Auto Refresh(60s)' toggle switch.

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



This screenshot shows the 'Invoke EOD' interface after the 'View End of Cycle Processes' section is populated. The 'Branch Code' field now contains 'B01', 'Description' contains 'Oracle Banking Account 1', and 'Current Branch Date' contains '2021-04-21'. The 'View End of Cycle Processes' section shows a list of jobs, each with a green progress bar and a dropdown arrow. The jobs listed are: MarkCutoff, BranchMarkCutoff, MarkEOTI, AccountStatusChange, JCMarkCutoff, DDA-IC, Revaluation, MarkEOPF, BranchMarkEOPF, and JCMarkEOPF.

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

2

Oracle Banking Accounts Batch Jobs and APIs

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

Table 2-1 Oracle Banking 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 | RevaluationCheckConsistency | Checks for consistency post Revaluation batch | AppID BranchCode UserID |

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

| Sl.No. | EOD Stage | Name | Description | Input Parameters |
|--------|-------------|--------------------------|---|----------------------------------|
| | | | | EntityID |
| 11 | EOF1 | MARKEOF1 | Marks the end of financial input | BranchCode UserID EntityID |
| 12 | EOF1 | BranchMarkEOF1 | 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 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 Accounts 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.

A

Functional Activity Codes

Table A-1 List of Functional Activity Codes

| Functional Activity Code | Purpose |
|-------------------------------------|--|
| CDDA_FA_PP_TBS_EODBR ANCH_UPDATE | This functional activity code is used to update the EOD Branch Status Update in the Transaction Balance Service. |
| CDDA_FA_PP_TBS_CONFI RM_EOTI | This functional activity code is used to confirm EOTI during EOD. |

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